

Received 1-19-05

**SANITATION, INC. LANDFILL
LEWISTOWN, MONTANA
OCTOBER 2004 GROUNDWATER SAMPLING REPORT**

Prepared for:
Barry Damschen Consulting, LLC

Prepared by:
Hydrometrics, Inc.
Consulting Scientists & Engineers 
3020 Bozeman Avenue
Helena, MT 59601

January 2005

Bill

January 18, 2005

F. Patrick Crowley
Montana Department of Environmental Quality
P.O. Box 200901
Helena, MT 59620-0901

RECEIVED

JAN 19 2005

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

RE: October 2004 Groundwater Monitoring Results
Sanitation, Inc. Landfill, Lewistown, MT

Dear Pat,

Hydrometrics, under contract to Barry Damschen Consulting, LLC, has prepared this letter report to transmit the results of the October 2004 groundwater monitoring at the Sanitation, Inc. Landfill in Lewistown, Montana. Sampling activities were conducted on October 25, 2004.

Groundwater Flow Results

Static water levels were measured in wells SIMW-1, SIMW-2, SIMW-3, and SIMW-4, and in piezometers SIP-1 and SIP-2 (Table 1). Monitoring locations and October 2004 groundwater elevations are shown on Figure 1, along with potentiometric contours based on the observed elevations.

Groundwater elevations in October 2004 were lower than those measured in June 2004 at all monitoring locations; the decrease was greater for wells on the north and west sides of the facility (SIMW-1, SIMW-2, SIMW-4, and SIP-2) than for wells on the eastern side of the facility (SIMW-3, SIP-1), as follows:

Well ID	Water Level Change (June 2004 to October 2004)
SIMW-1	-1.03 ft
SIMW-2	-0.38 ft
SIMW-3	-0.08 ft
SIMW-4	-8.82 ft
SIP-1	-0.04 ft
SIP-2	-2.49 ft

The estimated groundwater flow direction is generally to the north, and the estimated hydraulic gradient near well SIMW-3 is 0.12. The groundwater seepage velocity near well SIMW-3 can be estimated with previously determined (Entranco, 2002) values for aquifer porosity (estimated at 0.35), and hydraulic conductivity (9.2 ft/day), using the following formula:

$$V_s = KI/n_e$$

where V_s = seepage velocity (ft/day);

K = hydraulic conductivity (ft/day);

I = hydraulic gradient (dimensionless); and

n_e = porosity (dimensionless).

Using the values cited above, the estimated groundwater seepage velocity near well SIMW-3 for October 2004 was 3.2 ft/day, identical to the estimate of 3.2 ft/day presented in the June 2004 data report (Hydrometrics, 2004).

Groundwater Quality Results

Water quality samples were collected from wells SIMW-2, SIMW-3, and SIMW-4 by bailing. No sample was collected from SIMW-1 due to insufficient water in the well. Quality control (QC) samples included a field duplicate (collected at SIMW-4), a trip blank, and standard internal laboratory QC samples. Samples were submitted to Energy Laboratories in Billings, Montana for analysis of Solid Waste Table 1 inorganic parameters and volatile organic compounds (VOCs). Field sampling notes and laboratory analytical reports are in Attachment 1.

All VOC concentrations were below laboratory reporting limits for the wells sampled in October 2004. Results for selected inorganic and organic parameters are summarized in Table 2a for SIMW-1, Table 2b for SIMW-2, Table 2c for SIMW-3, and Table 2d for SIMW-4, along with summary statistics for the data period August 1995 through October 2004. Note that the data summary for well SIMW-1 is the same as that presented in the June 2004 report, since no sample was collected in October 2004. In general, groundwater parameter concentrations were similar to values observed previously at each monitoring well.

The October 2004 sample was the third water quality sample collected at well SIMW-4. The October 2004 results for SIMW-4 were similar to the previous two monitoring events. The nitrate + nitrite concentration at SIMW-4 decreased from 0.63 mg/L in June 2004 to <0.05 mg/L in October 2004 (the October 2003 concentration was also <0.05 mg/L; see Table 2d and Attachment 1). Metals and VOCs were all below laboratory reporting limits (nickel was reported at a concentration equal to the detection limit of 0.01 mg/L). Compared with the other monitoring wells sampled during the October 2004 event, well SIMW-4 showed a relatively high concentration of chloride (116 mg/L, compared with 27 mg/L at SIMW-3 and 61 mg/L at SIMW-2). In addition, as in previous monitoring events, the chemical oxygen demand (COD) of 23 mg/L at SIMW-4 was higher than the COD values at SIMW-3 (3 mg/L) and SIMW-2 (7 mg/L) (Attachment 1).

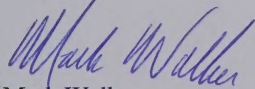
Figures 2a, 2b, and 2c show trend plots of chloride, sulfate, specific conductance (SC), nitrate + nitrite, and dissolved iron, selenium, zinc, and selected VOCs for wells SIMW-1, SIMW-2, and SIMW-3, respectively. No trend plots are included for well SIMW-4, since only three samples have been collected to date. Trend plots for SIMW-4 will be constructed after the next semiannual monitoring event. While the data show some variability over time, in most cases current concentrations are similar to data collected in 1995, and no current increasing trends are apparent. Dissolved metals concentrations have shown occasional spikes (in 1997 at well SIMW-2, and in 1999 at well SIMW-3). Typically, iron and zinc concentrations are at or near detection limits, while selenium concentrations are at or near detection limits at SIMW-2 and show averages of 0.016 mg/L at SIMW-1 and 0.024 mg/L at SIMW-3 (Tables 2a, 2b, 2c).

As an additional method to determine if groundwater concentrations are changing over time, the nonparametric Mann-Kendall test for trend (D.R. Helsel and R.M. Hirsch, 2002) was conducted on the data sets for wells SIMW-1, SIMW-2 and SIMW-3. Briefly stated, the test involves calculation of Kendall's S-statistic and Kendall's tau (τ), which is a measure of the strength of correlation between two variables. Statistical results are presented in Table 3. The significance level of $\alpha=0.05$ selected for the test is commonly used as a default level for statistical testing, and denotes a 5% chance that the test will conclude that there is a trend when in fact there is not. Note that, due to the prevalence of estimated values (values reported as present, but below reporting limits), the Mann-Kendall test was not conducted for organic parameters. Also, since no sample was collected in October 2004 from well SIMW-1, the statistics for this well are the same as presented in the previous report for the June 2004 monitoring event.

Statistically significant ($p<0.05$) trends were detected for three parameters: nitrate + nitrite and selenium at well SIMW-2, and SC at well SIMW-3 (Table 3). The trends at SIMW-2 are decreasing (negative τ), while the statistical results indicate an increasing SC trend at well SIMW-3, although the trend is not particularly strong ($\tau = 0.39$). The SC value at SIMW-3 for October 2004 of 869 $\mu\text{mhos/cm}$ is near the upper end of the range of observed historical values (Table 2c). While SC values at this well did show an increase from about 1999 through 2001, during recent years the values have stabilized (Figure 2c).

If you have any questions regarding this data report, please feel free to contact me at (406) 443-4150, ext. 146.

Sincerely,



Mark Walker
Chemist

Enclosures

c: Sanitation, Inc. Landfill
Barry Damschen Consulting, LLC

REFERENCES

- Entranco, 2002. Sanitation, Inc. Letter Report from Bruce Siegmund to Pat Potts, MDEQ dated March 21, 2002.
- Helsel, D.R. and R.M. Hirsch, 2002. *Statistical Methods in Water Resources*. Techniques of Water-Resources Investigations of the United States Geological Survey, Book 4, Chapter A3. September 2002.
- Hydrometrics, 2004. Sanitation, Inc. Landfill, Lewistown, Montana, June 2004 Groundwater Sampling Report. September, 2004.

TABLES

Table 1. Water Level Measurement Results

Well	October 2004 Static Water Level (ft bmp)	October 2004 Groundwater Elevation (ft)
SIMW-1	46.26	4091.62
SIMW-2	36.35	4087.36
SIMW-3	33.33	4077.58
SIMW-4	41.12	4036.95
SIP-1	37.06	4083.18
SIP-2	52.41	4098.93

NOTES:

bmp = below measuring point

nc = not calculated (no static water level measured)

Table 2a. SIMW-1 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)	dichlorodifluoro- methane (ug/L)	1,1,1-trichloro- ethane (ug/L)	trichlorofluoro- methane (ug/L)
8/16/1995	26	95	958	4.49	<0.03	0.017	<0.01	0.65(j)	0.67(j)	0.49(j)
6/10/1996				4.24	<0.03	0.016	0.02	0.58(j)	0.34(j)	0.4(j)
6/3/1997	25	92	786	5.56	0.04	0.014	0.03	0.53(j)	0.77(j)	0.47(j)
11/4/1997	24	81	751	3.74	<0.03	0.019	0.02	0.68(j)	0.4(j)	0.33(j)
10/6/1998				5.52				0.54(j)	0.42(j)	0.37(j)
6/15/1999	23	77	686	4.04	<0.03	0.018	0.02	0.53(j)	0.43(j)	0.39(j)
10/6/1999	25	79	759	4.06	<0.03	0.017	0.04	0.54(j)	<1	<1
6/27/2000	22	70	755	3.6	<0.03	0.016	<0.01	0.59(j)	<1	<1
10/17/2000	30	98	756	2.82	<0.03	0.009	0.04	0.43(j)	0.33(j)	0.28(j)
7/22/2003	22	68	798	4.47	<0.03	0.018	0.03	0.38(j)	0.3(j)	0.23(j)
6/21/2004	24	79	845	3.88	<0.03	0.014	<0.01	<1	<1	<1
n	9	9	9	11	10	10	10	11	11	11
% BD	0%	0%	0%	0%	90%	0%	30%	9%	27%	27%
Average	25	82	788	4.22	0	0.016	0.023	0.586	0.605	0.542
Median	24	79	759	4.06	<0.03	0.017	0.02	0.54	0.43	0.4
Minimum	22	68	686	2.82	<0.03	0.009	<0.01	0.38	0.3	0.23
Maximum	30	98	958	5.56	0.04	0.019	0.04	1	<1	<1

NOTES:

n = number of samples

%BD = percent of samples below detection limits

Below detect values replaced with detection limit for calculation of averages

(j) Estimated value; analyte present but less than the reporting limit.

Table 2b. SIMW-2 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)
8/16/1995	55	224	1480	3.78	<0.03	0.006	<0.01
6/10/1996	47	195	1180	4.18	<0.03	0.008	<0.01
10/22/1996	62	214	1180	2.6	1.29	<0.005	0.03
6/3/1997	63	202	1040	2.11	0.06	0.014	0.06
11/4/1997	58	211	1110	3.95	<0.03	0.008	<0.01
6/16/1998	56	201	1150	2.32	0.05	0.005	0.02
10/6/1998	56	203	1140	3.97	0.05	0.006	0.02
6/15/1999	30	177	1170	3.26	<0.03	0.006	0.01
10/6/1999	50	193	1100	2.46	<0.03	0.006	0.08
6/27/2000	59	199	1100	2.57	<0.03	0.005	<0.01
10/17/2000	61	201	1130	1.93	<0.03	0.005	<0.01
7/6/2001	67	214	1140	1.05	<0.03	<0.005	0.01
10/30/2001	61	205	1170	0.94	0.08	<0.005	0.01
10/26/2002	62	216	1240	1.04	0.05	<0.005	0.02
7/22/2003	62	187	1140	1.3	<0.03	<0.005	<0.01
10/15/2003	63	211	1110	1.78	1.5	<0.005	<0.01
6/21/2004	58	211	1160	2.34	<0.03	<0.005	<0.01
10/25/2004	61	205	1220	1.94	<0.03	<0.005	<0.01
n	18	18	18	18	18	18	18
% BD	0%	0%	0%	0%	61%	44%	50%
Average	57	204	1164	2.42	0	0.006	0.019
Median	60	204	1145	2.33	<0.03	0.005	0.01
Minimum	30	177	1040	0.94	<0.03	<0.005	<0.01
Maximum	67	224	1480	4.18	1.5	0.014	0.08

NOTES:

n = number of samples
 %BD = percent of samples below detection limits
 Below detect values replaced with detection limit for calculation of averages

Table 2c. SIMW-3 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)	dichlorodifluoro-methane (µg/L)
8/16/1995	34	140	893	8.6	<0.03	0.021	<0.01	0.2(j)
6/10/1996	30	139	750	9.25	0.1	0.022	<0.01	<1
10/22/1996	34	133	706	9.09	0.03	0.019	<0.01	<1
6/3/1997	27	134	683	9.08	<0.03			<1
11/4/1997	30	131	767	9.35	<0.03	0.023	<0.01	<1
6/16/1998	23	129	739	12.2	0.24	0.019	<0.01	1.2
10/6/1998	25	128	731	11	<0.03	0.017	0.01	0.45(j)
6/15/1999	25	121	707	11.7	12.9	0.074	0.47	0.55(j)
10/6/1999	27	124	744	11.5	<0.03	0.019	0.02	<1
6/27/2000	30	135	797	10.1	<0.03	0.023	0.01	0.32(j)
10/17/2000	32	139	808	9.76	<0.03	0.024	0.01	0.3(j)
7/16/2001	36	135	870	8.79	<0.03	0.021	<0.01	0.34(j)
10/30/2001	35	134	866	10.7	<0.03	0.02	0.03	<1
10/26/2002	30	140	879	8.69	<0.03	0.025	0.02	<1
7/22/2003	30	135	811	9.72	0.77	0.022	<0.01	0.27(j)
10/15/2003	31	143	799	9.13	0.22	0.021	<0.01	0.33(j)
6/21/2004	31	143	802	8.06	0.34	0.021	<0.01	<1
10/25/2004	27	136	869	8.35	<0.03	0.023	<0.01	0.31(j)
n	18	18	18	18	18	17	17	18
% BD	0%	0%	0%	0%	61%	0%	59%	44%
Average	30	134	790	9.7	0.83	0.024	0.04	0.68
Median	30	135	798	9.3	<0.03	0.021	<0.01	<1
Minimum	23	121	683	8.06	<0.03	0.017	<0.01	0.2(j)
Maximum	36	143	893	12.2	12.9	0.074	0.47	1.2

NOTES: n = number of samples

%BD = percent of samples below detection limits

Below detect values replaced with detection limit for calculation of averages

(j) Estimated value; analyte present but less than the reporting limit.

Table 2d. SIMW-4 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)
10/15/2003	135	167	1370	<0.05	0.06	<0.005	<0.01
6/21/2004	161	152	1500	0.63	<0.03	<0.005	<0.01
10/25/2004	116	161	1460	<0.05	<0.03	<0.005	<0.01
n	3	3	3	3	3	3	3
% BD	0%	0%	0%	67%	67%	100%	100%
Average	137	160	1443	0.24	0	<0.005	<0.01
Median	135	161	1460	<0.05	<0.03	<0.005	<0.01
Minimum	116	152	1370	<0.05	<0.03	<0.005	<0.01
Maximum	161	167	1500	0.63	0.06	<0.005	<0.01

NOTES:

n = number of samples

%BD = percent of samples below detection limits

Below detect values replaced with detection limit for calculation of averages

(j) Estimated value; analyte present but less than the reporting limit.

Table 3. Statistical Test Results

Well	Parameter	Mann-Kendall Trend Test Results		
		S	τ	p
SIMW-1	chloride *	-11	-0.31	0.289
	sulfate	-15	-0.42	0.142
	SC	4	0.11	0.754
	nitrate + nitrite	-21	-0.38	0.119
	Fe (diss)	-5	-0.11	0.486
	Se (diss)	-9	-0.20	0.467
	Zn (diss)	5	0.11	0.709
SIMW-2	chloride	46	0.30	0.086
	sulfate	3	0.02	0.939
	SC	0	0.00	1.000
	nitrate + nitrite	-73	-0.48	0.006
	Fe (diss)	-7	-0.05	0.794
	Se (diss)	-85	-0.56	0.001
	Zn (diss)	-31	-0.20	0.220
SIMW-3	chloride	13	0.08	0.644
	sulfate	36	0.24	0.183
	SC	59	0.39	0.028
	nitrate + nitrite	-33	-0.22	0.225
	Fe (diss)	8	0.05	0.762
	Se (diss)	21	0.15	0.403
	Zn (diss)	5	0.04	0.852

NOTE: **Bold** values indicate rejection of "no-trend" hypothesis at confidence level $\alpha = 0.05$ (i.e., $p < 0.05$).

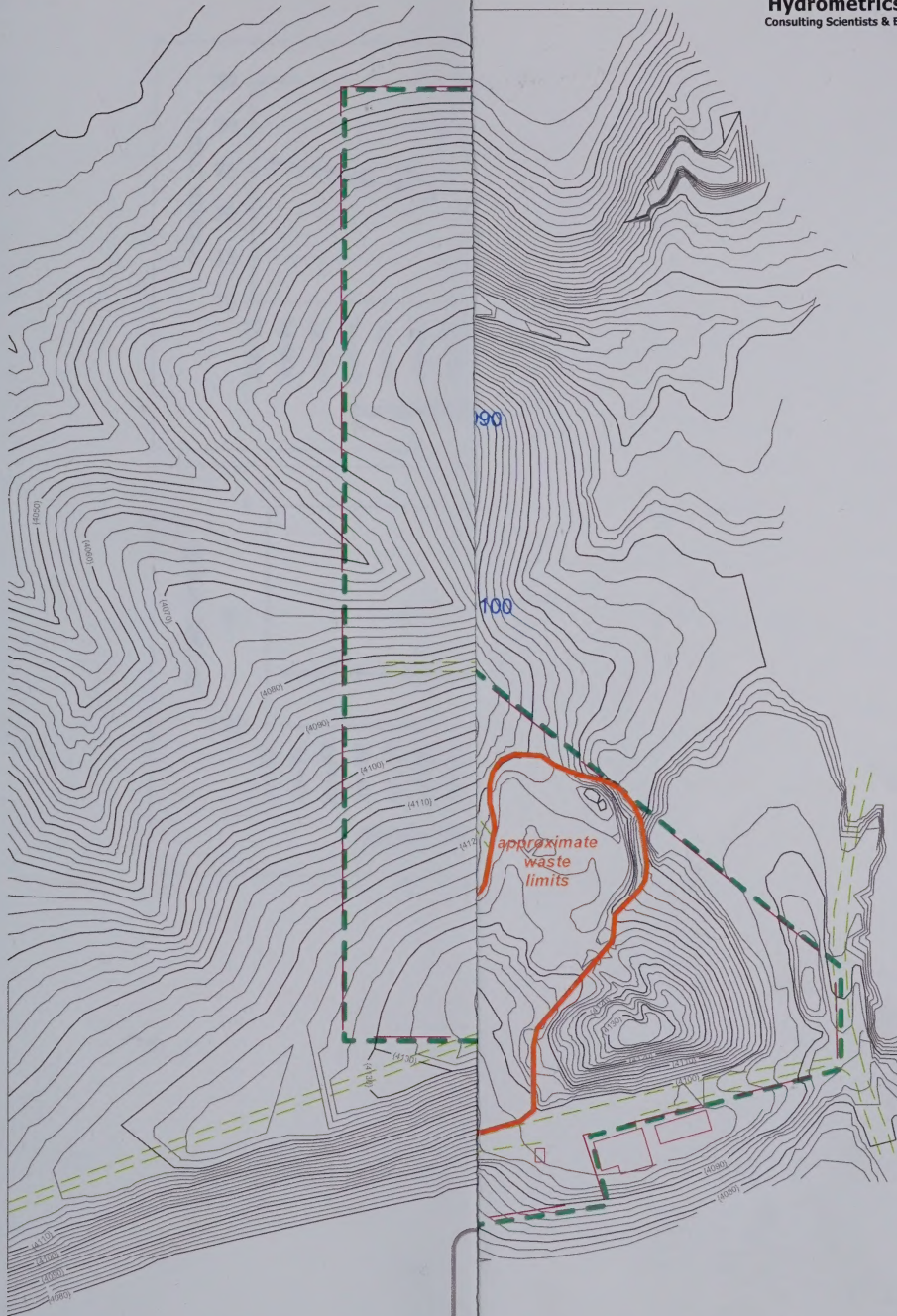
The Mann-Kendall test for trend is conducted according to methods presented in *Statistical Methods in Water Resources* by D.R. Helsel and R.M. Hirsch (2002). The test is a nonparametric method of assessing whether values over time tend to remain constant (null hypothesis) or tend to show an increasing or decreasing trend. The calculated statistics are as follows:

Kendall's S: compares each value in a data set to each subsequently collected value. S is an overall measure of whether subsequent values tend to be greater or less than a given value. If S is positive, subsequent values tend to be greater; if negative, subsequent values tend to be smaller. The closer S is to 0, the less evidence there is of any trend.

Kendall's tau: Kendall's tau is a correlation coefficient analogous to the more familiar Pearson's R. Tau can range from -1 to +1, with +1 indicating a strong increasing trend (increasing concentrations with time), and -1 indicating a strong negative trend (decreasing concentrations with time).

p-value: p-values are a measure of the significance of the above test statistics. Typically, when p is less than some established decision level α , then the null hypothesis (i.e., the assumption of no trend in this case) is rejected.

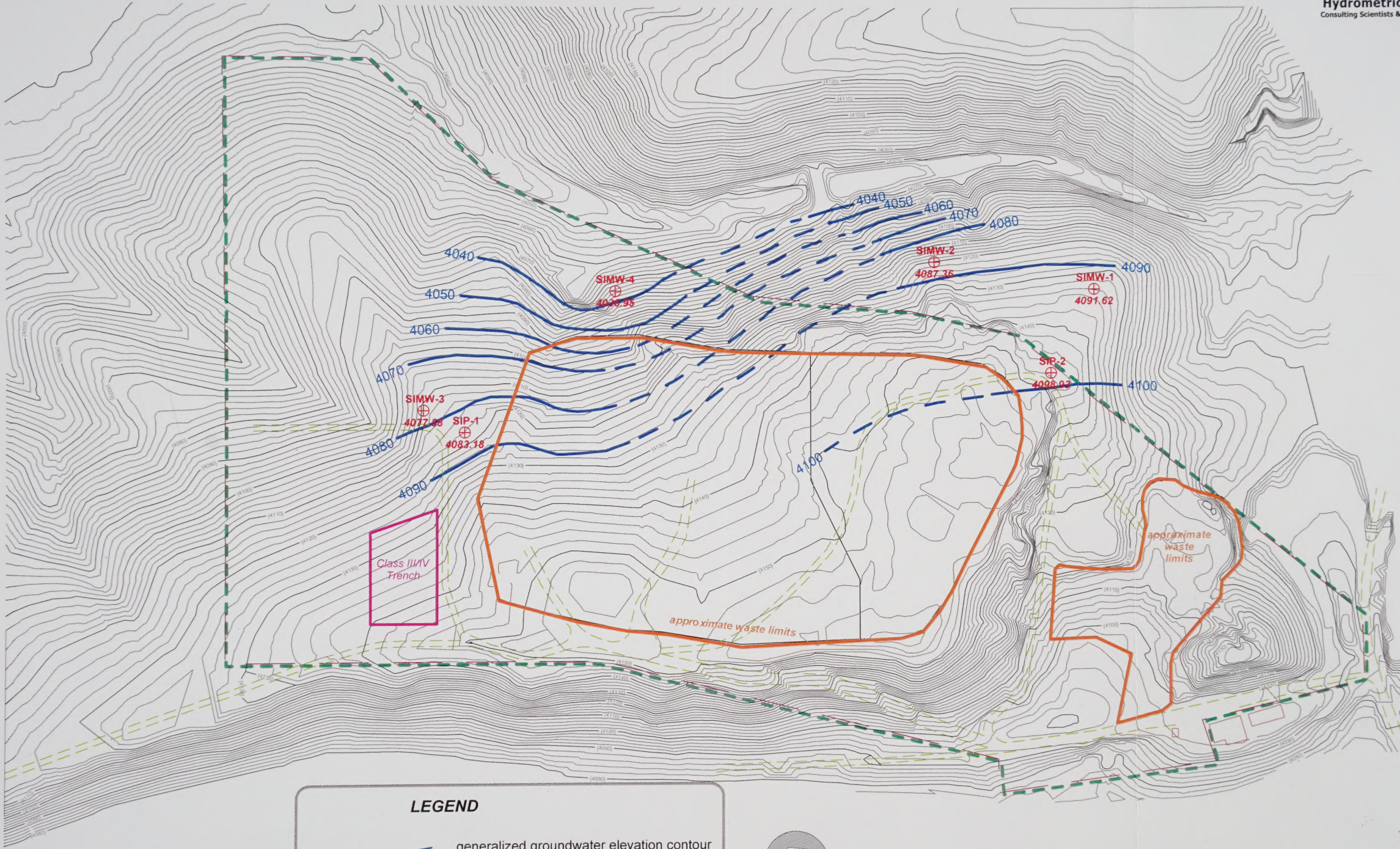
FIGURES



Groundwater Elevations and
Potentiometric Contours
ation, Inc. Landfill
istown, Montana

FIGURE

1



LEGEND

4080 ————— generalized groundwater elevation contour
(dashed where inferred)

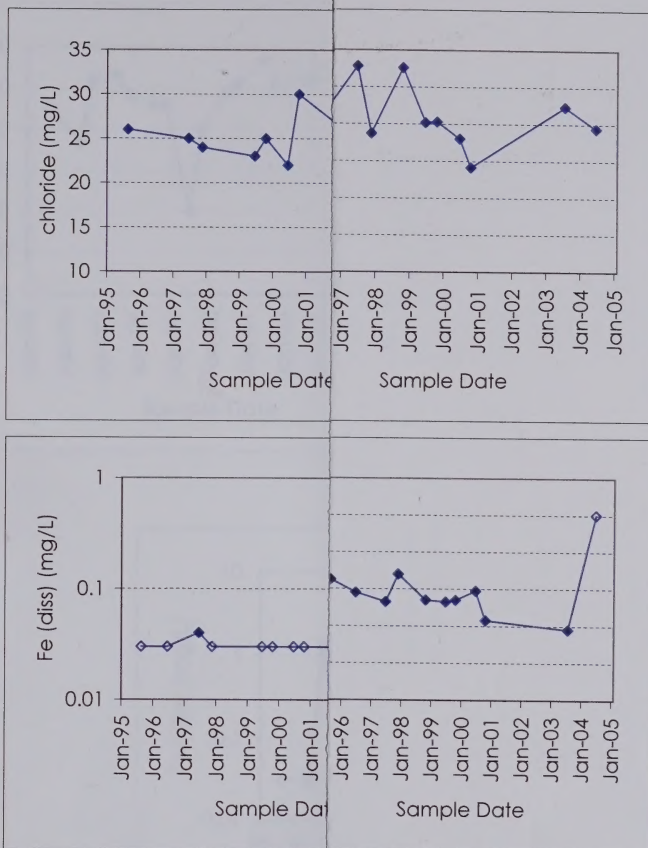
SIMW-3
⊕
4077.58 well/piezometer location with
October 25, 2004
groundwater elevation

NORTH

0 200 400
Scale (ft)

October 2004 Groundwater Elevations and
Generalized Potentiometric Contours
Sanitation, Inc. Landfill
Lewistown, Montana

FIGURE
1



NOTE: open symbols indicate values below the detection limit

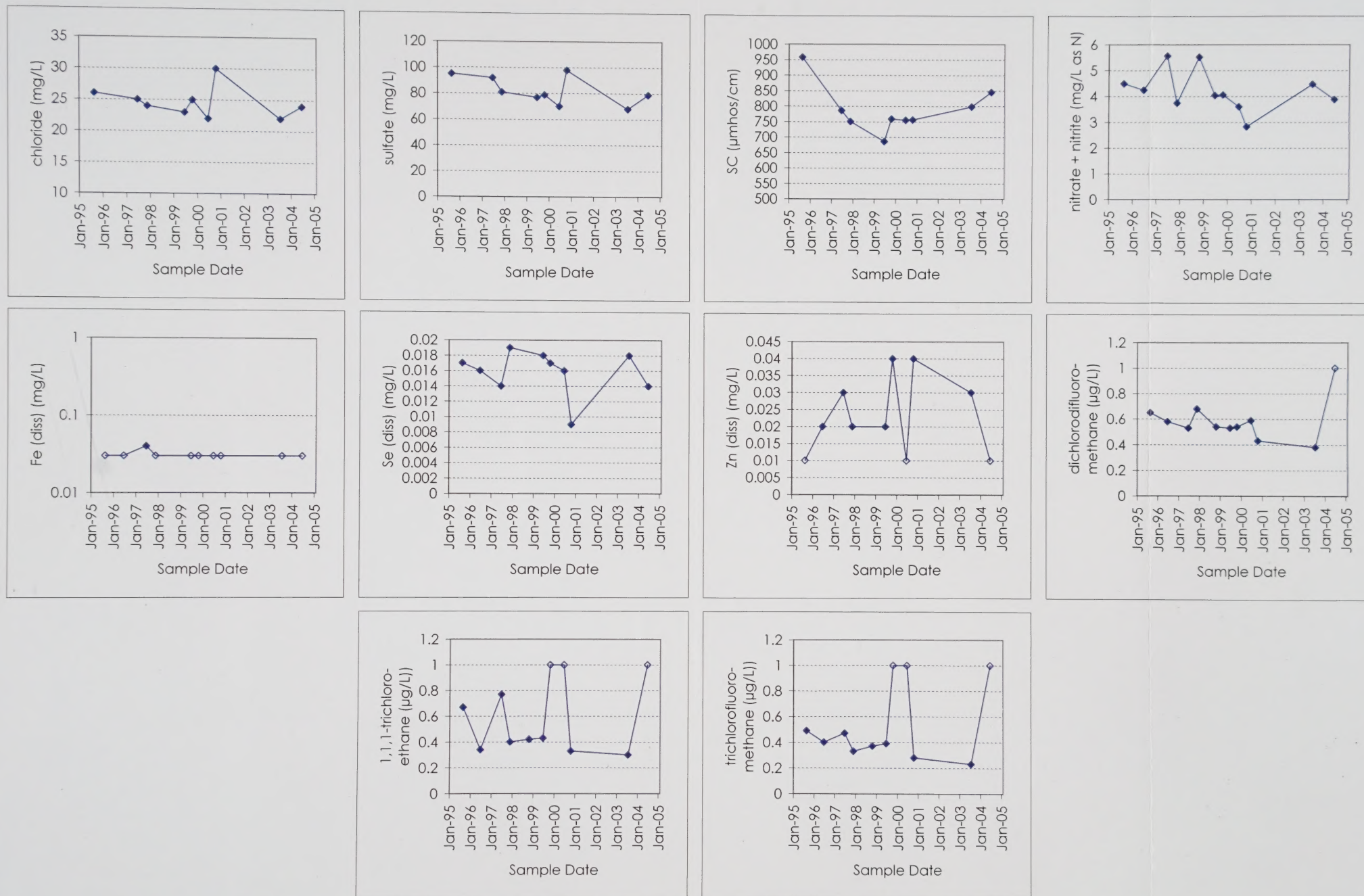
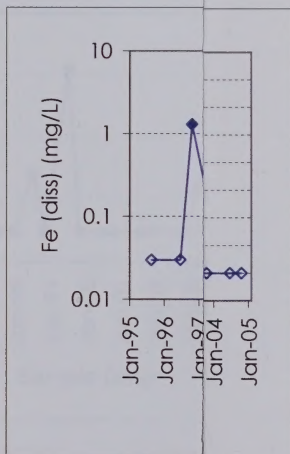
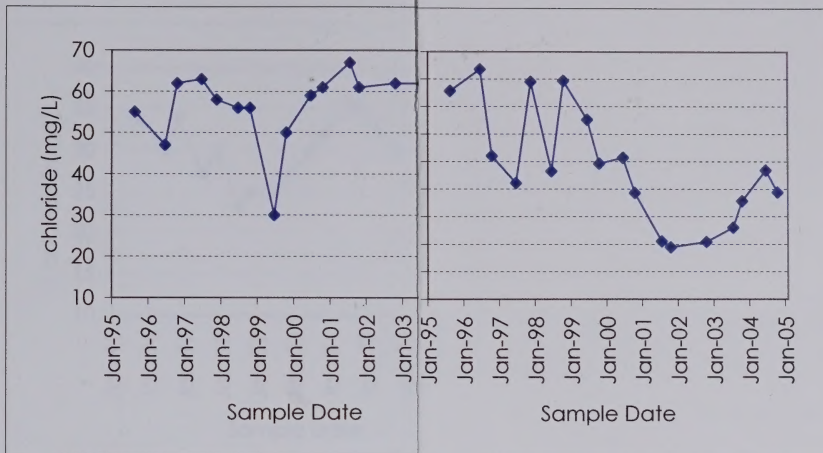


Figure 2a. SIMW-1 Water Quality Trends

NOTE: open symbols indicate value below detection limit



NOTE: open symbols indicate value below

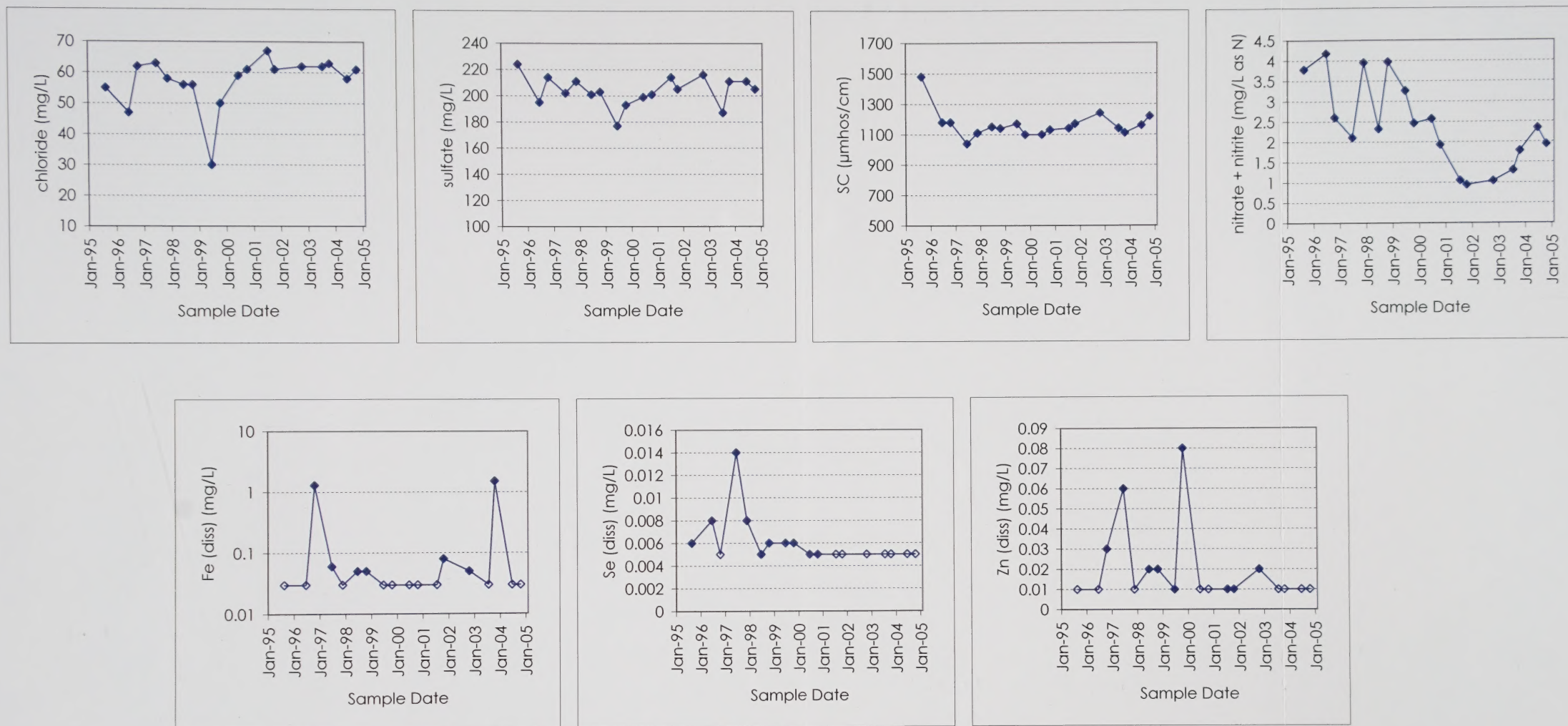
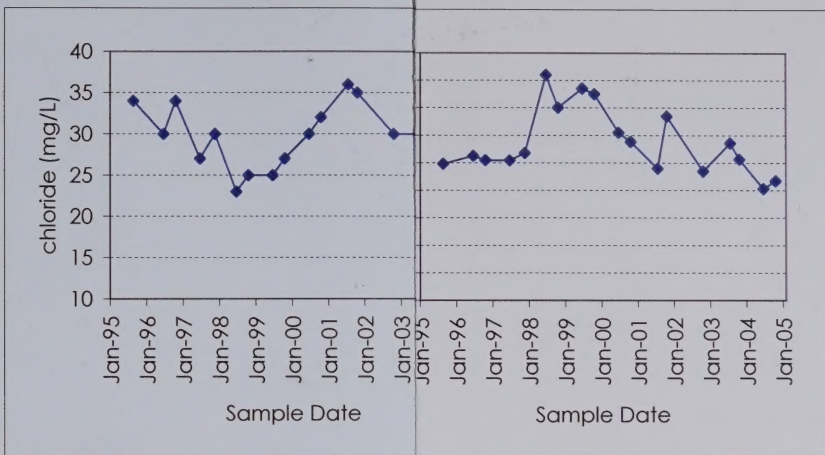


Figure 2b. SIMW-2 Water Quality Trends

NOTE: open symbols indicate value below detection limit



NOTE: open symbols indicate value below



Figure 2c. SIMW-3 Water Quality Trends

NOTE: open symbols indicate value below detection limit

ATTACHMENT 1

FIELD NOTES AND LABORATORY REPORT

Company Name: Barry Danschen Consulting Report Mail Address: 5531 York Road HELENA, MT 59602		Project Name, PWS #, Permit #, Etc.: Sanitation Inc. Landfill Contact Name, Phone, Fax, E-mail: Barry Danschen 461-5003		Purchase Order #: ELI Quote #: 		Sampler Name if other than Contact: 	
Invoice Address: Bill Spitzer Sanitation, Inc PO Box 883, Laurel, MT 59457		Invoice Contact & Phone #: Bill Spitzer 538-8767		Notify ELI prior to RUSH sample submittal for additional charges and scheduling Comments: 		Receipt Temp 44.0 °C Cooler ID(s) 	
Report Required For: POTW/WWTP ☐ DW ☐ Other MT Solid Waste		Number of Containers Sample Type: A W S B O Air Water Soils/Solids Vegetation Bioassay Other MT Solid Waste MT Solid Waste MT Solid Waste MT Solid Waste MT Solid Waste		ANALYSIS REQUESTED SEE ATTACHED RUSH Turnaround (TAT) Normal Turnaround (TAT)		Custody Seal ☒ N Intact ☒ N Signature Match ☒ N Lab ID 2041016041	
Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____ EDD/EDT ☐ Format _____							
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		Collection Date		Collection Time		LABORATORY USE ONLY	
1 S1mw-2		10-25-04		1330		2	
2 S1mw-3		10-25-04		1430		3	
3 S1mw-4		10-25-04		1530		4	
4 S1mw-4D		10-25-04		1530		5	
5 T10 Blank		10-25-04					
6							
7							
8							
9							
10							
Custody Record MUST be Signed		Relinquished by: Barry Danschen		Date/Time: 10/27/04 16:50		Received by: Barry Danschen	
Sample Disposal:		Return to client:		Lab Disposal:		Date/Time: 10/27/04 16:50	
In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly noted on your analytical report.		Sample Type:		# of fractions		Date/Time: 10/27/04 09:00	

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-001
Client Sample ID: SIMW-2

Report Date: 11/09/04
Collection Date: 10/25/04 13:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL PROPERTIES							
pH	7.3	s.u.		0.1		E150.1	10/28/04 14:16 / klc
Conductivity	1220	umhos/cm		1		A2510 B	10/28/04 14:02 / klc
INORGANICS							
Chloride	61	mg/L		1		E300.0	11/01/04 23:12 / qed
Sulfate	205	mg/L		1		E300.0	11/01/04 23:12 / qed
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	10/29/04 11:20 / kjp
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	7	mg/L		1		E410.4	11/01/04 08:45 / bls
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	1.94	mg/L		0.05		E353.2	11/01/04 14:37 / bls
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.8	11/03/04 04:35 / car
Arsenic	ND	mg/L		0.005		E200.8	11/03/04 04:35 / car
Barium	ND	mg/L		0.1		E200.7	11/01/04 13:55 / rih
Beryllium	ND	mg/L		0.001		E200.7	11/01/04 13:55 / rih
Cadmium	ND	mg/L		0.001		E200.8	11/03/04 04:35 / car
Chromium	ND	mg/L		0.01		E200.8	11/03/04 04:35 / car
Cobalt	ND	mg/L		0.01		E200.7	11/01/04 13:55 / rih
Copper	ND	mg/L		0.01		E200.8	11/03/04 04:35 / car
Iron	ND	mg/L		0.03		E200.7	11/01/04 13:55 / rih
Lead	ND	mg/L		0.01		E200.8	11/03/04 04:35 / car
Mercury	ND	mg/L		0.001		E200.8	11/03/04 04:35 / car
Nickel	ND	mg/L		0.01		E200.7	11/01/04 13:55 / rih
Selenium	ND	mg/L		0.005		E200.8	11/03/04 04:35 / car
Silver	ND	mg/L		0.005		E200.8	11/03/04 04:35 / car
Thallium	ND	mg/L		0.1		E200.8	11/03/04 04:35 / car
Vanadium	ND	mg/L		0.1		E200.7	11/01/04 13:55 / rih
Zinc	ND	mg/L		0.01		E200.7	11/01/04 13:55 / rih
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	11/02/04 02:11 / sbd
Acrylonitrile	ND	ug/L		20		SW8260B	11/02/04 02:11 / sbd
Benzene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Bromochloromethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-001
Client Sample ID: SIMW-2

Report Date: 11/09/04
Collection Date: 10/25/04 13:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Bromodichloromethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Bromoform	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Bromomethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Carbon disulfide	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Chlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Chloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Chloroform	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Chloromethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Dibromomethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Ethylbenzene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
2-Hexanone	ND	ug/L		20		SW8260B	11/02/04 02:11 / sbd
Iodomethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Methyl ethyl ketone	ND	ug/L		20		SW8260B	11/02/04 02:11 / sbd
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	11/02/04 02:11 / sbd
Methylene chloride	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Styrene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Tetrachloroethene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Toluene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Trichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-001
Client Sample ID: SIMW-2

Report Date: 11/09/04
Collection Date: 10/25/04 13:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Vinyl acetate	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Vinyl chloride	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
m+p-Xylenes	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
o-Xylene	ND	ug/L		1.0		SW8260B	11/02/04 02:11 / sbd
Surr: 1,2-Dichloroethane-d4	102	%REC			70-130	SW8260B	11/02/04 02:11 / sbd
Surr: Dibromofluoromethane	106	%REC			77-126	SW8260B	11/02/04 02:11 / sbd
Surr: p-Bromofluorobenzene	109	%REC			76-127	SW8260B	11/02/04 02:11 / sbd
Surr: Toluene-d8	105	%REC			79-122	SW8260B	11/02/04 02:11 / sbd

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-002
Client Sample ID: SIMW-3

Report Date: 11/09/04
Collection Date: 10/25/04 14:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL PROPERTIES							
pH	7.4	s.u.		0.1		E150.1	10/28/04 14:16 / klc
Conductivity	869	umhos/cm		1		A2510 B	10/28/04 14:03 / klc
INORGANICS							
Chloride	27	mg/L		1		E300.0	11/05/04 13:44 / qed
Sulfate	136	mg/L		1		E300.0	11/05/04 13:44 / qed
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	10/29/04 11:21 / kjp
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	3	mg/L		1		E410.4	11/01/04 08:45 / bls
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	8.35	mg/L		0.05		E353.2	11/01/04 14:38 / bls
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.8	11/03/04 04:41 / car
Arsenic	ND	mg/L		0.005		E200.8	11/03/04 04:41 / car
Barium	ND	mg/L		0.1		E200.7	11/01/04 14:00 / rih
Beryllium	ND	mg/L		0.001		E200.7	11/01/04 14:00 / rih
Cadmium	ND	mg/L		0.001		E200.7	11/01/04 14:00 / rih
Chromium	ND	mg/L		0.01		E200.8	11/03/04 04:41 / car
Cobalt	ND	mg/L		0.01		E200.7	11/01/04 14:00 / rih
Copper	ND	mg/L		0.01		E200.7	11/01/04 14:00 / rih
Iron	ND	mg/L		0.03		E200.7	11/01/04 14:00 / rih
Lead	ND	mg/L		0.01		E200.8	11/03/04 04:41 / car
Mercury	ND	mg/L		0.001		E200.8	11/03/04 04:41 / car
Nickel	ND	mg/L		0.01		E200.7	11/01/04 14:00 / rih
Selenium	0.023	mg/L		0.005		E200.8	11/03/04 04:41 / car
Silver	ND	mg/L		0.005		E200.7	11/01/04 14:00 / rih
Thallium	ND	mg/L		0.1		E200.7	11/01/04 14:00 / rih
Vanadium	ND	mg/L		0.1		E200.7	11/01/04 14:00 / rih
Zinc	ND	mg/L		0.01		E200.7	11/01/04 14:00 / rih
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	11/02/04 02:46 / sbd
Acrylonitrile	ND	ug/L		20		SW8260B	11/02/04 02:46 / sbd
Benzene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Bromochloromethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-002
Client Sample ID: SIMW-3

Report Date: 11/09/04
Collection Date: 10/25/04 14:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Bromodichloromethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Bromoform	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Bromomethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Carboh disulfide	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Chlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Chloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Chloroform	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Chloromethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Dibromomethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Dichlorodifluoromethane	0.31	ug/L	J	1.0		SW8260B	11/02/04 02:46 / sbd
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Ethylbenzene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
2-Hexanone	ND	ug/L		20		SW8260B	11/02/04 02:46 / sbd
Iodomethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Methyl ethyl ketone	ND	ug/L		20		SW8260B	11/02/04 02:46 / sbd
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	11/02/04 02:46 / sbd
Methylene chloride	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Styrene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Tetrachloroethene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Toluene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Trichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

J - Estimated value. The analyte was present but less than the reporting limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-002
Client Sample ID: SIMW-3

Report Date: 11/09/04
Collection Date: 10/25/04 14:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Vinyl acetate	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Vinyl chloride	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
m+p-Xylenes	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
o-Xylene	ND	ug/L		1.0		SW8260B	11/02/04 02:46 / sbd
Surr: 1,2-Dichloroethane-d4	102	%REC			70-130	SW8260B	11/02/04 02:46 / sbd
Surr: Dibromofluoromethane	105	%REC			77-126	SW8260B	11/02/04 02:46 / sbd
Surr: p-Bromofluorobenzene	106	%REC			76-127	SW8260B	11/02/04 02:46 / sbd
Surr: Toluene-d8	104	%REC			79-122	SW8260B	11/02/04 02:46 / sbd

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-003
Client Sample ID: SIMW-4

Report Date: 11/09/04
Collection Date: 10/25/04 15:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/ RL QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES						
pH	7.0	s.u.		0.1	E150.1	10/28/04 14:17 / klc
Conductivity	1460	umhos/cm		1	A2510 B	10/28/04 14:03 / klc
INORGANICS						
Chloride	116	mg/L		1	E300.0	11/02/04 00:22 / qed
Sulfate	161	mg/L		1	E300.0	11/02/04 00:22 / qed
Cyanide, Total Manual Distillation	ND	mg/L		0.005	E335.4	10/29/04 11:23 / kjp
AGGREGATE ORGANICS						
Oxygen Demand, Chemical (COD)	23	mg/L		1	E410.4	11/01/04 08:45 / bls
NUTRIENTS						
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05	E353.2	11/01/04 14:39 / bls
METALS, DISSOLVED						
Antimony	ND	mg/L		0.05	E200.8	11/03/04 04:48 / car
Arsenic	ND	mg/L		0.005	E200.8	11/03/04 04:48 / car
Barium	ND	mg/L		0.1	E200.7	11/01/04 14:05 / rih
Beryllium	ND	mg/L		0.001	E200.7	11/01/04 14:05 / rih
Cadmium	ND	mg/L		0.001	E200.8	11/03/04 04:48 / car
Chromium	ND	mg/L		0.01	E200.8	11/03/04 04:48 / car
Cobalt	ND	mg/L		0.01	E200.7	11/01/04 14:05 / rih
Copper	ND	mg/L		0.01	E200.8	11/03/04 04:48 / car
Iron	ND	mg/L		0.03	E200.7	11/01/04 14:05 / rih
Lead	ND	mg/L		0.01	E200.8	11/03/04 04:48 / car
Mercury	ND	mg/L		0.001	E200.8	11/03/04 04:48 / car
Nickel	0.01	mg/L		0.01	E200.8	11/03/04 04:48 / car
Selenium	ND	mg/L		0.005	E200.8	11/03/04 04:48 / car
Silver	ND	mg/L		0.005	E200.8	11/03/04 04:48 / car
Thallium	ND	mg/L		0.1	E200.8	11/03/04 04:48 / car
Vanadium	ND	mg/L		0.1	E200.7	11/01/04 14:05 / rih
Zinc	ND	mg/L		0.01	E200.7	11/01/04 14:05 / rih
VOLATILE ORGANIC COMPOUNDS						
Acetone	ND	ug/L		20	SW8260B	11/02/04 03:22 / sbd
Acrylonitrile	ND	ug/L		20	SW8260B	11/02/04 03:22 / sbd
Benzene	ND	ug/L		1.0	SW8260B	11/02/04 03:22 / sbd
Bromochloromethane	ND	ug/L		1.0	SW8260B	11/02/04 03:22 / sbd

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-003
Client Sample ID: SIMW-4

Report Date: 11/09/04
Collection Date: 10/25/04 15:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Bromodichloromethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Bromoform	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Bromomethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Carbon disulfide	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Chlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Chloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Chloroform	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Chloromethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Dibromomethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Ethylbenzene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
2-Hexanone	ND	ug/L		20		SW8260B	11/02/04 03:22 / sbd
Iodomethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Methyl ethyl ketone	ND	ug/L		20		SW8260B	11/02/04 03:22 / sbd
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	11/02/04 03:22 / sbd
Methylene chloride	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Styrene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Tetrachloroethene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Toluene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Trichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-003
Client Sample ID: SIMW-4

Report Date: 11/09/04
Collection Date: 10/25/04 15:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Vinyl acetate	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Vinyl chloride	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
m+p-Xylenes	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
o-Xylene	ND	ug/L		1.0		SW8260B	11/02/04 03:22 / sbd
Surr: 1,2-Dichloroethane-d4	100	%REC			70-130	SW8260B	11/02/04 03:22 / sbd
Surr: Dibromofluoromethane	104	%REC			77-126	SW8260B	11/02/04 03:22 / sbd
Surr: p-Bromofluorobenzene	104	%REC			76-127	SW8260B	11/02/04 03:22 / sbd
Surr: Toluene-d8	104	%REC			79-122	SW8260B	11/02/04 03:22 / sbd

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-004
Client Sample ID: SIMW-4D

Report Date: 11/09/04
Collection Date: 10/25/04 15:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL PROPERTIES							
pH	7.0	s.u.		0.1		E150.1	10/28/04 14:17 / klc
Conductivity	1460	umhos/cm		1		A2510 B	10/28/04 14:04 / klc
INORGANICS							
Chloride	116	mg/L		1		E300.0	11/02/04 00:34 / qed
Sulfate	161	mg/L		1		E300.0	11/02/04 00:34 / qed
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	10/29/04 11:30 / kjp
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	21	mg/L		1		E410.4	11/01/04 08:45 / bls
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	11/01/04 14:39 / bls
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.8	11/03/04 05:20 / car
Arsenic	ND	mg/L		0.005		E200.8	11/03/04 05:20 / car
Barium	ND	mg/L		0.1		E200.7	11/01/04 14:09 / rth
Beryllium	ND	mg/L		0.001		E200.7	11/01/04 14:09 / rth
Cadmium	ND	mg/L		0.001		E200.8	11/03/04 05:20 / car
Chromium	ND	mg/L		0.01		E200.8	11/05/04 21:56 / jlw
Cobalt	ND	mg/L		0.01		E200.7	11/01/04 14:09 / rth
Copper	ND	mg/L		0.01		E200.8	11/03/04 05:20 / car
Iron	ND	mg/L		0.03		E200.7	11/01/04 14:09 / rth
Lead	ND	mg/L		0.01		E200.8	11/03/04 05:20 / car
Mercury	ND	mg/L		0.001		E200.8	11/03/04 05:20 / car
Nickel	0.02	mg/L		0.01		E200.8	11/03/04 05:20 / car
Selenium	ND	mg/L		0.005		E200.8	11/03/04 05:20 / car
Silver	ND	mg/L		0.005		E200.8	11/03/04 05:20 / car
Thallium	ND	mg/L		0.1		E200.8	11/03/04 05:20 / car
Vanadium	ND	mg/L		0.1		E200.7	11/01/04 14:09 / rth
Zinc	ND	mg/L		0.01		E200.7	11/01/04 14:09 / rth
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	11/02/04 03:57 / sbd
Acrylonitrile	ND	ug/L		20		SW8260B	11/02/04 03:57 / sbd
Benzene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Bromochloromethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-004
Client Sample ID: SIMW-4D

Report Date: 11/09/04
Collection Date: 10/25/04 15:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Bromodichloromethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Bromoform	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Bromomethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Carbon disulfide	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Chlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Chloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Chloroform	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Chloromethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Dibromomethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Ethylbenzene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
2-Hexanone	ND	ug/L		20		SW8260B	11/02/04 03:57 / sbd
Iodomethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Methyl ethyl ketone	ND	ug/L		20		SW8260B	11/02/04 03:57 / sbd
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	11/02/04 03:57 / sbd
Methylene chloride	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Styrene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Tetrachloroethene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Toluene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Trichloroethene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-004
Client Sample ID: SIMW-4D

Report Date: 11/09/04
Collection Date: 10/25/04 15:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Vinyl acetate	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Vinyl chloride	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
m+p-Xylenes	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
o-Xylene	ND	ug/L		1.0		SW8260B	11/02/04 03:57 / sbd
Surr: 1,2-Dichloroethane-d4	100	%REC			70-130	SW8260B	11/02/04 03:57 / sbd
Surr: Dibromofluoromethane	104	%REC			77-126	SW8260B	11/02/04 03:57 / sbd
Surr: p-Bromofluorobenzene	106	%REC			76-127	SW8260B	11/02/04 03:57 / sbd
Surr: Toluene-d8	106	%REC			79-122	SW8260B	11/02/04 03:57 / sbd

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-005
Client Sample ID: Trip Blank

Report Date: 11/09/04
Collection Date: 10/25/04 13:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	11/01/04 23:50 / sbd
Acrylonitrile	ND	ug/L		20		SW8260B	11/01/04 23:50 / sbd
Benzene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Bromochloromethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Bromodichloromethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Bromoform	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Bromomethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Carbon disulfide	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Chlorobenzene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Chloroethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Chloroform	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Chloromethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Dibromomethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Ethylbenzene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
2-Hexanone	ND	ug/L		20		SW8260B	11/01/04 23:50 / sbd
Iodomethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Methyl ethyl ketone	ND	ug/L		20		SW8260B	11/01/04 23:50 / sbd
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	11/01/04 23:50 / sbd
Methylene chloride	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Styrene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Tetrachloroethene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill
Lab ID: B04101604-005
Client Sample ID: Trip Blank

Report Date: 11/09/04
Collection Date: 10/25/04 13:30
Date Received: 10/28/04
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Toluene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Trichloroethene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Vinyl acetate	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Vinyl chloride	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
m+p-Xylenes	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
o-Xylene	ND	ug/L		1.0		SW8260B	11/01/04 23:50 / sbd
Surr: 1,2-Dichloroethane-d4	102	%REC			70-130	SW8260B	11/01/04 23:50 / sbd
Surr: Dibromofluoromethane	106	%REC			77-126	SW8260B	11/01/04 23:50 / sbd
Surr: p-Bromofluorobenzene	104	%REC			76-127	SW8260B	11/01/04 23:50 / sbd
Surr: Toluene-d8	103	%REC			79-122	SW8260B	11/01/04 23:50 / sbd

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/04/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R50198
Sample ID: Ics110104	Laboratory Control Spike								11/01/04 10:44
Acetone	47.2	ug/L	20	94.4	62	130			
Acrylonitrile	48.0	ug/L	20	96	60	130			
Benzene	4.64	ug/L	1.0	92.8	71	133			
Bromochloromethane	4.36	ug/L	1.0	87.2	68	131			
Bromodichloromethane	4.40	ug/L	1.0	88	67	138			
Bromoform	4.52	ug/L	1.0	90.4	64	136			
Bromomethane	5.44	ug/L	1.0	109	60	138			
Carbon disulfide	5.12	ug/L	1.0	102	46	146			
Carbon tetrachloride	4.36	ug/L	1.0	87.2	61	144			
Chlorobenzene	4.44	ug/L	1.0	88.8	78	136			
Chlorodibromomethane	4.64	ug/L	1.0	92.8	72	136			
Chloroethane	5.00	ug/L	1.0	100	64	136			
Chloroform	4.56	ug/L	1.0	91.2	69	133			
Chloromethane	5.60	ug/L	1.0	112	63	149			
1,2-Dibromo-3-chloropropane	4.56	ug/L	1.0	91.2	63	125			
1,2-Dibromoethane	4.52	ug/L	1.0	90.4	75	131			
Dibromomethane	4.44	ug/L	1.0	88.8	72	133			
1,2-Dichlorobenzene	4.48	ug/L	1.0	89.6	78	129			
1,4-Dichlorobenzene	4.48	ug/L	1.0	89.6	78	132			
trans-1,4-Dichloro-2-butene	5.12	ug/L	1.0	102	50	142			
Dichlorodifluoromethane	5.44	ug/L	1.0	109	55	141			
1,1-Dichloroethane	4.44	ug/L	1.0	88.8	72	130			
1,2-Dichloroethane	4.48	ug/L	1.0	89.6	57	146			
1,1-Dichloroethene	5.00	ug/L	1.0	100	66	142			
cis-1,2-Dichloroethene	4.56	ug/L	1.0	91.2	74	133			
trans-1,2-Dichloroethene	4.96	ug/L	1.0	99.2	76	138			
1,2-Dichloropropane	4.64	ug/L	1.0	92.8	72	135			
cis-1,3-Dichloropropene	4.48	ug/L	1.0	89.6	75	132			
trans-1,3-Dichloropropene	4.80	ug/L	1.0	96	77	145			
Ethylbenzene	4.64	ug/L	1.0	92.8	78	131			
2-Hexanone	45.2	ug/L	20	90.4	72	131			
Iodomethane	5.12	ug/L	1.0	102	66	132			
Methyl ethyl ketone	43.6	ug/L	20	87.2	55	145			
Methyl isobutyl ketone	45.6	ug/L	20	91.2	73	129			
Methylene chloride	4.60	ug/L	1.0	92	73	126			
Styrene	4.64	ug/L	1.0	92.8	76	134			
1,1,1,2-Tetrachloroethane	4.52	ug/L	1.0	90.4	75	135			
1,1,2,2-Tetrachloroethane	4.52	ug/L	1.0	90.4	72	132			
Tetrachloroethene	4.48	ug/L	1.0	89.6	78	137			
Toluene	4.60	ug/L	1.0	92	78	134			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/04/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R50198
Sample ID: lcs110104	Laboratory Control Spike								11/01/04 10:44
1,1,1-Trichloroethane	4.44	ug/L	1.0	88.8	64	141			
1,1,2-Trichloroethane	4.64	ug/L	1.0	92.8	72	133			
Trichloroethene	4.60	ug/L	1.0	92	75	138			
Trichlorofluoromethane	4.80	ug/L	1.0	96	58	139			
1,2,3-Trichloropropane	4.40	ug/L	1.0	88	67	133			
Vinyl acetate	4.76	ug/L	1.0	95.2	42	120			
Vinyl chloride	4.64	ug/L	1.0	92.8	66	140			
m+p-Xylenes	9.12	ug/L	1.0	91.2	78	133			
o-Xylene	4.60	ug/L	1.0	92	79	136			
Surr: 1,2-Dichloroethane-d4			1.0	104	70	130			
Surr: Dibromofluoromethane			1.0	105	77	126			
Surr: p-Bromofluorobenzene			1.0	106	76	127			
Surr: Toluene-d8			1.0	104	79	122			
Sample ID: mbik110104	Method Blank								11/01/04 11:55
Acetone	ND	ug/L	20						
Acrylonitrile	ND	ug/L	20						
Benzene	ND	ug/L	1.0						
Bromochloromethane	ND	ug/L	1.0						
Bromodichloromethane	ND	ug/L	1.0						
Bromoform	ND	ug/L	1.0						
Bromomethane	ND	ug/L	1.0						
Carbon disulfide	ND	ug/L	1.0						
Carbon tetrachloride	ND	ug/L	1.0						
Chlorobenzene	ND	ug/L	1.0						
Chlorodibromomethane	ND	ug/L	1.0						
Chloroethane	ND	ug/L	1.0						
Chloroform	ND	ug/L	1.0						
Chloromethane	ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0						
1,2-Dibromoethane	ND	ug/L	1.0						
Dibromomethane	ND	ug/L	1.0						
1,2-Dichlorobenzene	ND	ug/L	1.0						
1,4-Dichlorobenzene	ND	ug/L	1.0						
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0						
Dichlorodifluoromethane	ND	ug/L	1.0						
1,1-Dichloroethane	ND	ug/L	1.0						
1,2-Dichloroethane	ND	ug/L	1.0						
1,1-Dichloroethene	ND	ug/L	1.0						
cis-1,2-Dichloroethene	ND	ug/L	1.0						
trans-1,2-Dichloroethene	ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/04/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R50198
Sample ID: mblk110104	Method Blank								11/01/04 11:55
1,2-Dichloropropane	ND	ug/L	1.0						
cis-1,3-Dichloropropene	ND	ug/L	1.0						
trans-1,3-Dichloropropene	ND	ug/L	1.0						
Ethylbenzene	ND	ug/L	1.0						
2-Hexanone	ND	ug/L	20						
Iodomethane	ND	ug/L	1.0						
Methyl ethyl ketone	ND	ug/L	20						
Methyl isobutyl ketone	ND	ug/L	20						
Methylene chloride	ND	ug/L	1.0						
Styrene	ND	ug/L	1.0						
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0						
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0						
Tetrachloroethene	ND	ug/L	1.0						
Toluene	ND	ug/L	1.0						
1,1,1-Trichloroethane	ND	ug/L	1.0						
1,1,2-Trichloroethane	ND	ug/L	1.0						
Trichloroethene	ND	ug/L	1.0						
Trichlorofluoromethane	ND	ug/L	1.0						
1,2,3-Trichloropropane	ND	ug/L	1.0						
Vinyl acetate	ND	ug/L	1.0						
Vinyl chloride	ND	ug/L	1.0						
m+p-Xylenes	ND	ug/L	1.0						
o-Xylene	ND	ug/L	1.0						
Surr: 1,2-Dichloroethane-d4			1.0	102	70	130			
Surr: Dibromofluoromethane			1.0	105	77	126			
Surr: p-Bromofluorobenzene			1.0	103	76	127			
Surr: Toluene-d8			1.0	105	79	122			
Sample ID: lcsa110104	Laboratory Control Spike								11/01/04 22:03
Acetone	46.4	ug/L	20	92.8	62	130			
Acrylonitrile	47.6	ug/L	20	95.2	60	130			
Benzene	4.72	ug/L	1.0	94.4	71	133			
Bromochloromethane	4.52	ug/L	1.0	90.4	68	131			
Bromodichloromethane	4.56	ug/L	1.0	91.2	67	138			
Bromoform	4.52	ug/L	1.0	90.4	64	136			
Bromomethane	5.76	ug/L	1.0	115	60	138			
Carbon disulfide	5.04	ug/L	1.0	101	46	146			
Carbon tetrachloride	4.64	ug/L	1.0	92.8	61	144			
Chlorobenzene	4.56	ug/L	1.0	91.2	78	136			
Chlorodibromomethane	4.64	ug/L	1.0	92.8	72	136			
Chloroethane	5.00	ug/L	1.0	100	64	136			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/04/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: R50198		
Sample ID: lcsa110104	Laboratory Control Spike						11/01/04 22:03		
Chloroform	4.52	ug/L	1.0	90.4	69	133			
Chloromethane	6.24	ug/L	1.0	125	63	149			
1,2-Dibromo-3-chloropropane	4.76	ug/L	1.0	95.2	63	125			
1,2-Dibromoethane	4.64	ug/L	1.0	92.8	75	131			
Dibromomethane	4.56	ug/L	1.0	91.2	72	133			
1,2-Dichlorobenzene	4.56	ug/L	1.0	91.2	78	129			
1,4-Dichlorobenzene	4.52	ug/L	1.0	90.4	78	132			
trans-1,4-Dichloro-2-butene	5.00	ug/L	1.0	100	50	142			
Dichlorodifluoromethane	5.36	ug/L	1.0	107	55	141			
1,1-Dichloroethane	4.64	ug/L	1.0	92.8	72	130			
1,2-Dichloroethane	4.76	ug/L	1.0	95.2	57	146			
1,1-Dichloroethene	5.04	ug/L	1.0	101	66	142			
cis-1,2-Dichloroethene	4.60	ug/L	1.0	92	74	133			
trans-1,2-Dichloroethene	4.96	ug/L	1.0	99.2	76	138			
1,2-Dichloropropane	4.76	ug/L	1.0	95.2	72	135			
cis-1,3-Dichloropropene	4.76	ug/L	1.0	95.2	75	132			
trans-1,3-Dichloropropene	5.04	ug/L	1.0	101	77	145			
Ethylbenzene	4.60	ug/L	1.0	92	78	131			
2-Hexanone	46.4	ug/L	20	92.8	72	131			
Iodomethane	5.24	ug/L	1.0	105	66	132			
Methyl ethyl ketone	43.2	ug/L	20	86.4	55	145			
Methyl isobutyl ketone	47.2	ug/L	20	94.4	73	129			
Methylene chloride	4.68	ug/L	1.0	93.6	73	126			
Styrene	4.80	ug/L	1.0	96	76	134			
1,1,1,2-Tetrachloroethane	4.60	ug/L	1.0	92	75	135			
1,1,2,2-Tetrachloroethane	4.68	ug/L	1.0	93.6	72	132			
Tetrachloroethene	4.56	ug/L	1.0	91.2	78	137			
Toluene	4.64	ug/L	1.0	92.8	78	134			
1,1,1-Trichloroethane	4.56	ug/L	1.0	91.2	64	141			
1,1,2-Trichloroethane	4.60	ug/L	1.0	92	72	133			
Trichloroethene	4.60	ug/L	1.0	92	75	138			
Trichlorofluoromethane	4.64	ug/L	1.0	92.8	58	139			
1,2,3-Trichloropropane	4.64	ug/L	1.0	92.8	67	133			
Vinyl acetate	4.40	ug/L	1.0	88	42	120			
Vinyl chloride	4.76	ug/L	1.0	95.2	66	140			
m+p-Xylenes	9.24	ug/L	1.0	92.4	78	133			
o-Xylene	4.76	ug/L	1.0	95.2	79	136			
Surr: 1,2-Dichloroethane-d4			1.0	102	70	130			
Surr: Dibromofluoromethane			1.0	104	77	126			
Surr: p-Bromofluorobenzene			1.0	103	76	127			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/04/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R50198
Sample ID: lcsa110104	Laboratory Control Spike								11/01/04 22:03
Surr: Toluene-d8			1.0	104	79	122			
Sample ID: mblk110204	Method Blank								11/01/04 23:14
Acetone	ND	ug/L	20						
Acrylonitrile	ND	ug/L	20						
Benzene	ND	ug/L	1.0						
Bromochloromethane	ND	ug/L	1.0						
Bromodichloromethane	ND	ug/L	1.0						
Bromoform	ND	ug/L	1.0						
Bromomethane	ND	ug/L	1.0						
Carbon disulfide	ND	ug/L	1.0						
Carbon tetrachloride	ND	ug/L	1.0						
Chlorobenzene	ND	ug/L	1.0						
Chlorodibromomethane	ND	ug/L	1.0						
Chloroethane	ND	ug/L	1.0						
Chloroform	ND	ug/L	1.0						
Chloromethane	ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0						
1,2-Dibromoethane	ND	ug/L	1.0						
Dibromomethane	ND	ug/L	1.0						
1,2-Dichlorobenzene	ND	ug/L	1.0						
1,4-Dichlorobenzene	ND	ug/L	1.0						
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0						
Dichlorodifluoromethane	ND	ug/L	1.0						
1,1-Dichloroethane	ND	ug/L	1.0						
1,2-Dichloroethane	ND	ug/L	1.0						
1,1-Dichloroethene	ND	ug/L	1.0						
cis-1,2-Dichloroethene	ND	ug/L	1.0						
trans-1,2-Dichloroethene	ND	ug/L	1.0						
1,2-Dichloropropane	ND	ug/L	1.0						
cis-1,3-Dichloropropene	ND	ug/L	1.0						
trans-1,3-Dichloropropene	ND	ug/L	1.0						
Ethylbenzene	ND	ug/L	1.0						
2-Hexanone	ND	ug/L	20						
Iodomethane	ND	ug/L	1.0						
Methyl ethyl ketone	ND	ug/L	20						
Methyl isobutyl ketone	ND	ug/L	20						
Methylene chloride	ND	ug/L	1.0						
Styrene	ND	ug/L	1.0						
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0						
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/04/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R50198
Sample ID: mblk110204	Method Blank								11/01/04 23:14
Tetrachloroethene	ND	ug/L	1.0						
Toluene	ND	ug/L	1.0						
1,1,1-Trichloroethane	ND	ug/L	1.0						
1,1,2-Trichloroethane	ND	ug/L	1.0						
Trichloroethene	ND	ug/L	1.0						
Trichlorofluoromethane	ND	ug/L	1.0						
1,2,3-Trichloropropane	ND	ug/L	1.0						
Vinyl acetate	ND	ug/L	1.0						
Vinyl chloride	ND	ug/L	1.0						
m+p-Xylenes	ND	ug/L	1.0						
o-Xylene	ND	ug/L	1.0						
Surr: 1,2-Dichloroethane-d4			1.0	101	70	130			
Surr: Dibromofluoromethane			1.0	102	77	126			
Surr: p-Bromofluorobenzene			1.0	103	76	127			
Surr: Toluene-d8			1.0	104	79	122			
Sample ID: B04101508-001Hms									11/02/04 08:06
Sample Matrix Spike									
Acetone	48.0	ug/L	20	96	62	130			
Acrylonitrile	48.0	ug/L	20	96	60	130			
Benzene	4.56	ug/L	1.0	91.2	71	133			
Bromochloromethane	4.52	ug/L	1.0	90.4	68	131			
Bromodichloromethane	4.48	ug/L	1.0	89.6	67	138			
Bromoform	4.32	ug/L	1.0	86.4	64	136			
Bromomethane	4.60	ug/L	1.0	92	60	138			
Carbon disulfide	5.04	ug/L	1.0	101	46	146			
Carbon tetrachloride	4.52	ug/L	1.0	90.4	61	144			
Chlorobenzene	4.48	ug/L	1.0	89.6	78	136			
Chlorodibromomethane	4.56	ug/L	1.0	91.2	72	136			
Chloroethane	4.72	ug/L	1.0	94.4	64	136			
Chloroform	4.44	ug/L	1.0	88.8	69	133			
Chloromethane	5.56	ug/L	1.0	111	63	149			
1,2-Dibromo-3-chloropropane	4.32	ug/L	1.0	86.4	63	125			
1,2-Dibromoethane	4.64	ug/L	1.0	92.8	75	131			
Dibromomethane	4.52	ug/L	1.0	90.4	72	133			
1,2-Dichlorobenzene	4.48	ug/L	1.0	89.6	78	129			
1,4-Dichlorobenzene	4.36	ug/L	1.0	87.2	78	132			
trans-1,4-Dichloro-2-butene	4.76	ug/L	1.0	95.2	50	142			
Dichlorodifluoromethane	5.08	ug/L	1.0	102	55	141			
1,1-Dichloroethane	4.44	ug/L	1.0	88.8	72	130			
1,2-Dichloroethane	4.64	ug/L	1.0	92.8	57	146			
1,1-Dichloroethene	4.64	ug/L	1.0	92.8	66	142			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/04/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: R50198		
Sample ID: B04101508-001Hms	Sample Matrix Spike							11/02/04 08:06	
cis-1,2-Dichloroethene	4.44	ug/L	1.0	88.8	74	133			
trans-1,2-Dichloroethene	4.64	ug/L	1.0	92.8	76	138			
1,2-Dichloropropane	4.56	ug/L	1.0	91.2	72	135			
cis-1,3-Dichloropropene	4.40	ug/L	1.0	88	75	132			
trans-1,3-Dichloropropene	4.72	ug/L	1.0	94.4	77	145			
Ethylbenzene	4.48	ug/L	1.0	89.6	78	131			
2-Hexanone	48.4	ug/L	20	96.8	72	131			
Iodomethane	5.24	ug/L	1.0	105	66	132			
Methyl ethyl ketone	41.2	ug/L	20	82.4	55	145			
Methyl isobutyl ketone	47.2	ug/L	20	94.4	73	129			
Methylene chloride	4.60	ug/L	1.0	92	73	126			
Styrene	4.56	ug/L	1.0	91.2	76	134			
1,1,1,2-Tetrachloroethane	4.60	ug/L	1.0	92	75	135			
1,1,2,2-Tetrachloroethane	4.84	ug/L	1.0	96.8	72	132			
Tetrachloroethene	4.40	ug/L	1.0	88	78	137			
Toluene	4.56	ug/L	1.0	91.2	78	134			
1,1,1-Trichloroethane	4.44	ug/L	1.0	88.8	64	141			
1,1,2-Trichloroethane	4.64	ug/L	1.0	92.8	72	133			
Trichloroethene	4.56	ug/L	1.0	91.2	75	138			
Trichlorofluoromethane	4.64	ug/L	1.0	92.8	58	139			
1,2,3-Trichloropropane	4.76	ug/L	1.0	95.2	67	133			
Vinyl acetate	4.20	ug/L	1.0	84	42	120			
Vinyl chloride	4.32	ug/L	1.0	86.4	66	140			
m+p-Xylenes	9.28	ug/L	1.0	92.8	78	133			
o-Xylene	4.56	ug/L	1.0	91.2	79	136			
Surr: 1,2-Dichloroethane-d4			1.0	103	70	130			
Surr: Dibromofluoromethane			1.0	106	77	126			
Surr: p-Bromofluorobenzene			1.0	106	76	127			
Surr: Toluene-d8			1.0	104	79	122			
Sample ID: B04101508-001Hmsd	Sample Matrix Spike Duplicate							11/02/04 09:16	
Acetone	52.4	ug/L	20	105	62	130	8.8		20
Acrylonitrile	53.2	ug/L	20	106	60	130	10		20
Benzene	4.64	ug/L	1.0	92.8	71	133	1.7		20
Bromochloromethane	4.68	ug/L	1.0	93.6	68	131	3.5		20
Bromodichloromethane	4.72	ug/L	1.0	94.4	67	138	5.2		20
Bromoform	4.68	ug/L	1.0	93.6	64	136	8.0		20
Bromomethane	5.24	ug/L	1.0	105	60	138	13		20
Carbon disulfide	4.84	ug/L	1.0	96.8	46	146	4.0		20
Carbon tetrachloride	4.56	ug/L	1.0	91.2	61	144	0.9		20
Chlorobenzene	4.60	ug/L	1.0	92	78	136	2.6		20

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/04/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R50198
Sample ID: B04101508-001Hmsd	Sample Matrix Spike Duplicate								11/02/04 09:16
Chlorodibromomethane	4.96	ug/L	1.0	99.2	72	136	8.4		20
Chloroethane	4.60	ug/L	1.0	92	64	136	2.6		20
Chloroform	4.64	ug/L	1.0	92.8	69	133	4.4		20
Chloromethane	5.52	ug/L	1.0	110	63	149	0.7		20
1,2-Dibromo-3-chloropropane	4.92	ug/L	1.0	98.4	63	125	13		20
1,2-Dibromoethane	5.08	ug/L	1.0	102	75	131	9.1		20
Dibromomethane	4.92	ug/L	1.0	98.4	72	133	8.5		20
1,2-Dichlorobenzene	4.72	ug/L	1.0	94.4	78	129	5.2		20
1,4-Dichlorobenzene	4.48	ug/L	1.0	89.6	78	132	2.7		20
trans-1,4-Dichloro-2-butene	5.04	ug/L	1.0	101	50	142	5.7		20
Dichlorodifluoromethane	4.92	ug/L	1.0	98.4	55	141	3.2		20
1,1-Dichloroethane	4.64	ug/L	1.0	92.8	72	130	4.4		20
1,2-Dichloroethane	5.04	ug/L	1.0	101	57	146	8.3		20
1,1-Dichloroethene	4.88	ug/L	1.0	97.6	66	142	5.0		20
cis-1,2-Dichloroethene	4.68	ug/L	1.0	93.6	74	133	5.3		20
trans-1,2-Dichloroethene	4.88	ug/L	1.0	97.6	76	138	5.0		20
1,2-Dichloropropane	4.76	ug/L	1.0	95.2	72	135	4.3		20
cis-1,3-Dichloropropene	4.48	ug/L	1.0	89.6	75	132	1.8		20
trans-1,3-Dichloropropene	5.08	ug/L	1.0	102	77	145	7.3		20
Ethylbenzene	4.64	ug/L	1.0	92.8	78	131	3.5		20
2-Hexanone	53.6	ug/L	20	107	72	131	10		20
Iodomethane	5.16	ug/L	1.0	103	66	132	1.5		20
Methyl ethyl ketone	50.0	ug/L	20	100	55	145	19		20
Methyl isobutyl ketone	50.4	ug/L	20	101	73	129	6.6		20
Methylene chloride	4.88	ug/L	1.0	97.6	73	126	5.9		20
Styrene	4.64	ug/L	1.0	92.8	76	134	1.7		20
1,1,1,2-Tetrachloroethane	4.80	ug/L	1.0	96	75	135	4.3		20
1,1,1,2,2-Tetrachloroethane	4.96	ug/L	1.0	99.2	72	132	2.4		20
Tetrachloroethene	4.44	ug/L	1.0	88.8	78	137	0.9		20
Toluene	4.72	ug/L	1.0	94.4	78	134	3.4		20
1,1,1-Trichloroethane	4.40	ug/L	1.0	88	64	141	0.9		20
1,1,2-Trichloroethane	5.00	ug/L	1.0	100	72	133	7.5		20
Trichloroethene	4.56	ug/L	1.0	91.2	75	138	0		20
Trichlorofluoromethane	4.52	ug/L	1.0	90.4	58	139	2.6		20
1,2,3-Trichloropropane	5.04	ug/L	1.0	101	67	133	5.7		20
Vinyl acetate	4.40	ug/L	1.0	88	42	120	4.7		20
Vinyl chloride	4.20	ug/L	1.0	84	66	140	2.8		20
m+p-Xylenes	9.44	ug/L	1.0	94.4	78	133	1.7		20
o-Xylene	4.68	ug/L	1.0	93.6	79	136	2.6		20
Surr: 1,2-Dichloroethane-d4			1.0	107	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/04/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: R50198		
Sample ID: B04101508-001Hmsd		Sample Matrix Spike Duplicate						11/02/04 09:16	
Surr: Dibromofluoromethane			1.0	107	77	126			
Surr: p-Bromofluorobenzene			1.0	101	76	127			
Surr: Toluene-d8			1.0	103	79	122			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/08/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B							Batch: PHSC041028A		
Sample ID: PHC10520	Laboratory Control Spike								10/28/04 10:22
Conductivity	150	umhos/cm	1.0	100	90	110			
Sample ID: B04101571-001A	Sample Duplicate								10/28/04 13:17
Conductivity	1680	umhos/cm	1.0				1.0	10	
Sample ID: B04101593-002A	Sample Duplicate								10/28/04 13:25
Conductivity	1000	umhos/cm	1.0				0	10	
Sample ID: B04101603-004A	Sample Duplicate								10/28/04 13:58
Conductivity	1420	umhos/cm	1.0				0	10	
Sample ID: B04101604-004A	Sample Duplicate								10/28/04 14:04
Conductivity	1460	umhos/cm	1.0				0	10	
Sample ID: B04101607-001A	Sample Duplicate								10/28/04 14:25
Conductivity	3900	umhos/cm	1.0				1.0	10	
Sample ID: B04101611-004A	Sample Duplicate								10/28/04 16:03
Conductivity	617	umhos/cm	1.0				0.8	10	
Sample ID: B04101634-015A	Sample Duplicate								10/28/04 17:58
Conductivity	622	umhos/cm	1.0				0.3	10	

Qualifiers:

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ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/08/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E150.1							Batch: PHSC041028A		
Sample ID: PHC10602	Laboratory Control Spike								10/28/04 10:22
pH	4.04	s.u.	0.10	101	90	110			
Sample ID: PHC10607	Laboratory Control Spike								10/28/04 10:23
pH	6.98	s.u.	0.10	99.7	90	110			
Sample ID: B04101571-001A	Sample Duplicate								10/28/04 13:11
pH	7.98	s.u.	0.10				0	10	
Sample ID: B04101593-002A	Sample Duplicate								10/28/04 13:14
pH	7.80	s.u.	0.10				0.6	10	
Sample ID: B04101603-004A	Sample Duplicate								10/28/04 14:11
pH	7.17	s.u.	0.10				0.6	10	
Sample ID: B04101604-004A	Sample Duplicate								10/28/04 14:18
pH	6.95	s.u.	0.10				0.4	10	
Sample ID: B04101607-001A	Sample Duplicate								10/28/04 14:37
pH	4.37	s.u.	0.10				0	10	
Sample ID: B04101611-004A	Sample Duplicate								10/28/04 16:08
pH	7.33	s.u.	0.10				0.3	10	
Sample ID: B04101634-005A	Sample Duplicate								10/28/04 18:13
pH	6.86	s.u.	0.10				0.3	10	
Sample ID: B04101634-015A	Sample Duplicate								10/28/04 18:18
pH	8.63	s.u.	0.10				0.9	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Project: Sanitation Inc, Landfill

Report Date: 11/08/04

Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R49999
Sample ID: MB-TJADIS041101A	Method Blank								11/01/04 10:56
Barium	ND	mg/L	0.0004						
Beryllium	ND	mg/L	0.0002						
Cadmium	ND	mg/L	0.001						
Cobalt	ND	mg/L	0.002						
Copper	ND	mg/L	0.008						
Iron	ND	mg/L	0.003						
Nickel	ND	mg/L	0.003						
Silver	ND	mg/L	0.004						
Thallium	ND	mg/L	0.1						
Vanadium	ND	mg/L	0.005						
Zinc	ND	mg/L	0.002						
Sample ID: B04110001-001BMS2	Sample Matrix Spike								11/01/04 11:09
Barium	5.43	mg/L	0.10	108	69.5	130.5			
Beryllium	2.67	mg/L	0.0010	107	69.5	130.5			
Cadmium	2.51	mg/L	0.0051	100	69.5	130.5			
Cobalt	5.03	mg/L	0.010	101	69.5	130.5			
Copper	5.19	mg/L	0.041	104	69.5	130.5			
Iron	24.7	mg/L	0.030	98.7	69.5	130.5			
Nickel	5.18	mg/L	0.015	103	69.5	130.5			
Silver	2.20	mg/L	0.020	88.2	69.5	130.5			
Thallium	4.74	mg/L	0.51	94.9	69.5	130.5			
Vanadium	5.44	mg/L	0.10	109	69.5	130.5			
Zinc	5.09	mg/L	0.010	101	69.5	130.5			
Sample ID: B04110001-001BMSD2	Sample Matrix Spike Duplicate								11/01/04 11:14
Barium	5.53	mg/L	0.10	110	69.5	130.5	1.7	20	
Beryllium	2.74	mg/L	0.0010	110	69.5	130.5	2.9	20	
Cadmium	2.64	mg/L	0.0051	106	69.5	130.5	5.1	20	
Cobalt	5.26	mg/L	0.010	105	69.5	130.5	4.5	20	
Copper	5.22	mg/L	0.041	104	69.5	130.5	0.6	20	
Iron	25.8	mg/L	0.030	103	69.5	130.5	4.1	20	
Nickel	5.43	mg/L	0.015	108	69.5	130.5	4.7	20	
Silver	2.26	mg/L	0.020	90.2	69.5	130.5	2.3	20	
Thallium	4.90	mg/L	0.51	98	69.5	130.5	3.2	20	
Vanadium	5.61	mg/L	0.10	112	69.5	130.5	3.1	20	
Zinc	5.30	mg/L	0.010	105	69.5	130.5	4.1	20	
Sample ID: B04110001-011BMS2	Sample Matrix Spike								11/01/04 12:17
Barium	5.57	mg/L	0.10	109	69.5	130.5			
Beryllium	2.72	mg/L	0.0010	109	69.5	130.5			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/08/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: R49999
Sample ID: B04110001-011BMS2	Sample Matrix Spike								11/01/04 12:17
Cadmium	2.61	mg/L	0.0051	104	69.5	130.5			
Cobalt	5.20	mg/L	0.010	104	69.5	130.5			
Copper	5.24	mg/L	0.041	105	69.5	130.5			
Iron	25.5	mg/L	0.030	102	69.5	130.5			
Nickel	5.39	mg/L	0.015	107	69.5	130.5			
Silver	2.22	mg/L	0.020	88.7	69.5	130.5			
Thallium	4.86	mg/L	0.51	97.2	69.5	130.5			
Vanadium	5.58	mg/L	0.10	112	69.5	130.5			
Zinc	5.25	mg/L	0.010	105	69.5	130.5			
Sample ID: B04110001-011BMSD2	Sample Matrix Spike Duplicate								11/01/04 12:22
Barium	5.75	mg/L	0.10	112	69.5	130.5	3.1	20	
Beryllium	2.77	mg/L	0.0010	111	69.5	130.5	1.8	20	
Cadmium	2.57	mg/L	0.0051	103	69.5	130.5	1.3	20	
Cobalt	5.15	mg/L	0.010	103	69.5	130.5	0.8	20	
Copper	5.40	mg/L	0.041	108	69.5	130.5	2.9	20	
Iron	25.4	mg/L	0.030	102	69.5	130.5	0.4	20	
Nickel	5.34	mg/L	0.015	106	69.5	130.5	0.9	20	
Silver	2.28	mg/L	0.020	91.1	69.5	130.5	2.6	20	
Thallium	4.78	mg/L	0.51	95.6	69.5	130.5	1.7	20	
Vanadium	5.66	mg/L	0.10	113	69.5	130.5	1.6	20	
Zinc	5.20	mg/L	0.010	104	69.5	130.5	1.0	20	
Sample ID: B04101602-002BMS2	Sample Matrix Spike								11/01/04 13:20
Barium	2.21	mg/L	0.10	110	69.5	130.5			
Beryllium	1.10	mg/L	0.0010	110	69.5	130.5			
Cadmium	1.03	mg/L	0.0020	103	69.5	130.5			
Cobalt	2.03	mg/L	0.010	102	69.5	130.5			
Copper	2.12	mg/L	0.016	106	69.5	130.5			
Iron	10.1	mg/L	0.030	101	69.5	130.5			
Nickel	2.13	mg/L	0.010	106	69.5	130.5			
Silver	0.899	mg/L	0.0082	89.9	69.5	130.5			
Thallium	1.80	mg/L	0.20	90.2	69.5	130.5			
Vanadium	2.24	mg/L	0.10	112	69.5	130.5			
Zinc	2.05	mg/L	0.010	102	69.5	130.5			
Sample ID: B04101602-002BMSD2	Sample Matrix Spike Duplicate								11/01/04 13:25
Barium	2.20	mg/L	0.10	109	69.5	130.5	0.5	20	
Beryllium	1.09	mg/L	0.0010	109	69.5	130.5	0.6	20	
Cadmium	1.03	mg/L	0.0020	103	69.5	130.5	0.3	20	
Cobalt	2.05	mg/L	0.010	103	69.5	130.5	0.9	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

Q4-Q2 Summary Report

Report Period: Q4-Q2
 Report Date: 2023-12-31

Report Type: Summary
 Report Status: Final

Category	Item	Q4-2023	Q3-2023	Q2-2023	Q1-2023	Q4-2022	Q3-2022	Q2-2022	Q1-2022
Sales	Product A	1200	1150	1100	1050	1180	1130	1080	1030
	Product B	950	900	850	800	930	880	830	780
	Product C	780	730	680	630	760	710	660	610
	Product D	620	570	520	470	600	550	500	450
	Product E	510	460	410	360	490	440	390	340
	Product F	400	350	300	250	380	330	280	230
	Product G	320	270	220	170	300	250	200	150
	Product H	250	200	150	100	230	180	130	80
	Product I	180	130	80	30	160	110	60	10
	Product J	100	50	0	-50	80	30	-20	-70
Marketing	Campaign A	500	450	400	350	480	430	380	330
	Campaign B	350	300	250	200	330	280	230	180
	Campaign C	280	230	180	130	260	210	160	110
	Campaign D	220	170	120	70	200	150	100	50
	Campaign E	180	130	80	30	160	110	60	10
	Campaign F	150	100	50	0	130	80	30	-20
	Campaign G	120	70	20	-30	100	50	0	-50
	Campaign H	80	30	-20	-70	60	10	-40	-90
	Campaign I	50	0	-50	-100	30	-20	-70	-120
	Campaign J	20	-30	-80	-130	0	-50	-100	-150
Operations	Process A	1500	1450	1400	1350	1480	1430	1380	1330
	Process B	1200	1150	1100	1050	1180	1130	1080	1030
	Process C	950	900	850	800	930	880	830	780
	Process D	780	730	680	630	760	710	660	610
	Process E	620	570	520	470	600	550	500	450
	Process F	510	460	410	360	490	440	390	340
	Process G	400	350	300	250	380	330	280	230
	Process H	320	270	220	170	300	250	200	150
	Process I	250	200	150	100	230	180	130	80
	Process J	180	130	80	30	160	110	60	10
Finance	Revenue	10000	9500	9000	8500	9800	9300	8800	8300
	Expenses	7500	7000	6500	6000	7300	6800	6300	5800
	Profit	2500	2500	2500	2500	2500	2500	2500	2500
	Assets	5000	4800	4600	4400	4900	4700	4500	4300
	Liabilities	3000	2800	2600	2400	2900	2700	2500	2300
	Equity	2000	2000	2000	2000	2000	2000	2000	2000
	Debt	1500	1400	1300	1200	1450	1350	1250	1150
	Interest	500	450	400	350	480	430	380	330
	Taxes	300	250	200	150	280	230	180	130
	Other	200	150	100	50	180	130	80	30

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/08/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Batch: R50172		
Sample ID: B04101603-004BMS							Sample Matrix Spike		
							11/03/04 03:04		
Antimony	0.0537	mg/L	0.0050	107	70	130			
Arsenic	0.0522	mg/L	0.0050	102	70	130			
Cadmium	0.0470	mg/L	0.0010	94	70	130			
Chromium	0.0518	mg/L	0.010	98.9	70	130			
Copper	0.0456	mg/L	0.010	87.8	70	130			
Lead	0.0503	mg/L	0.010	101	70	130			
Mercury	0.00111	mg/L	0.0010	111	70	130			
Nickel	0.0558	mg/L	0.010	93.3	70	130			
Selenium	0.0568	mg/L	0.0050	100	70	130			
Silver	0.0154	mg/L	0.0050	76.8	70	130			
Thallium	0.0509	mg/L	0.0050	101	70	130			
Sample ID: B04101603-004BMSD							Sample Matrix Spike Duplicate		
							11/03/04 03:10		
Antimony	0.0542	mg/L	0.0050	108	70	130	1.0	20	
Arsenic	0.0532	mg/L	0.0050	104	70	130	2.1	20	
Cadmium	0.0462	mg/L	0.0010	92.4	70	130	1.8	20	
Chromium	0.0524	mg/L	0.010	100	70	130	1.1	20	
Copper	0.0444	mg/L	0.010	85.4	70	130	2.7	20	
Lead	0.0506	mg/L	0.010	101	70	130	0.6	20	
Mercury	0.00103	mg/L	0.0010	103	70	130	7.7	20	
Nickel	0.0540	mg/L	0.010	89.7	70	130	3.3	20	
Selenium	0.0579	mg/L	0.0050	102	70	130	1.9	20	
Silver	0.0168	mg/L	0.0050	84.2	70	130	9.2	20	
Thallium	0.0510	mg/L	0.0050	101	70	130	0.2	20	
Sample ID: B04101604-004BMS							Sample Matrix Spike		
							11/03/04 05:27		
Antimony	0.0536	mg/L	0.0050	107	70	130			
Arsenic	0.0513	mg/L	0.0050	101	70	130			
Cadmium	0.0490	mg/L	0.0010	97.9	70	130			
Copper	0.0506	mg/L	0.010	96.9	70	130			
Lead	0.0514	mg/L	0.010	102	70	130			
Mercury	0.00109	mg/L	0.0010	106	70	130			
Nickel	0.0630	mg/L	0.010	94.5	70	130			
Selenium	0.0509	mg/L	0.0050	98.5	70	130			
Silver	0.0176	mg/L	0.0050	87.8	70	130			
Thallium	0.0516	mg/L	0.0050	103	70	130			
Sample ID: B04101604-004BMSD							Sample Matrix Spike Duplicate		
							11/03/04 05:33		
Antimony	0.0546	mg/L	0.0050	109	70	130	1.8	20	
Arsenic	0.0520	mg/L	0.0050	103	70	130	1.5	20	
Cadmium	0.0503	mg/L	0.0010	101	70	130	2.7	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/08/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R50172
Sample ID: B04101604-004BMSD	Sample Matrix Spike Duplicate								11/03/04 05:33
Copper	0.0520	mg/L	0.010	99.7	70	130	2.8	20	
Lead	0.0531	mg/L	0.010	106	70	130	3.3	20	
Mercury	0.00115	mg/L	0.0010	112	70	130	5.6	20	
Nickel	0.0641	mg/L	0.010	96.5	70	130	1.6	20	
Selenium	0.0515	mg/L	0.0050	99.7	70	130	1.2	20	
Silver	0.0188	mg/L	0.0050	94	70	130	6.7	20	
Thallium	0.0532	mg/L	0.0050	106	70	130	3.2	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

GAO's Summary Report

Report Date: 11/25/94
 Report Title: Summary Report

GAO's Summary Report
 Report Number: 11/25/94

Category	Item	Value	Unit	Notes
Category 1	Item 1	100	100	100
Category 1	Item 2	200	200	200
Category 1	Item 3	300	300	300
Category 1	Item 4	400	400	400
Category 1	Item 5	500	500	500
Category 1	Item 6	600	600	600
Category 1	Item 7	700	700	700
Category 1	Item 8	800	800	800
Category 1	Item 9	900	900	900
Category 1	Item 10	1000	1000	1000
Category 2	Item 1	100	100	100
Category 2	Item 2	200	200	200
Category 2	Item 3	300	300	300
Category 2	Item 4	400	400	400
Category 2	Item 5	500	500	500
Category 2	Item 6	600	600	600
Category 2	Item 7	700	700	700
Category 2	Item 8	800	800	800
Category 2	Item 9	900	900	900
Category 2	Item 10	1000	1000	1000

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/08/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R50388
Sample ID: LRB	Method Blank								11/05/04 08:49
Chromium	ND	mg/L	0.00004						
Sample ID: B04110010-001BMS	Sample Matrix Spike								11/05/04 10:18
Chromium	0.0522	mg/L	0.010	103	70	130			
Sample ID: B04110010-001BMSD	Sample Matrix Spike Duplicate								11/05/04 10:24
Chromium	0.0514	mg/L	0.010	102	70	130	1.5	20	
Sample ID: B04110219-001EMS	Sample Matrix Spike								11/05/04 11:12
Chromium	0.0658	mg/L	0.010	128	70	130			
Sample ID: B04110219-001EMSD	Sample Matrix Spike Duplicate								11/05/04 11:18
Chromium	0.0656	mg/L	0.010	128	70	130	0.3	20	
Sample ID: B04101604-004BMS	Sample Matrix Spike								11/05/04 22:03
Chromium	0.0500	mg/L	0.010	99	70	130			
Sample ID: B04101604-004BMSD	Sample Matrix Spike Duplicate								11/05/04 22:09
Chromium	0.0516	mg/L	0.010	102	70	130	3.2	20	
Sample ID: B04101609-002AMS	Sample Matrix Spike								11/05/04 23:31
Chromium	0.0480	mg/L	0.010	96	70	130			
Sample ID: B04101609-002AMSD	Sample Matrix Spike Duplicate								11/05/04 23:37
Chromium	0.0524	mg/L	0.010	105	70	130	8.7	20	
Sample ID: B04101746-001BMS	Sample Matrix Spike								11/06/04 02:07
Chromium	0.0480	mg/L	0.010	94	70	130			
Sample ID: B04101746-001BMSD	Sample Matrix Spike Duplicate								11/06/04 02:14
Chromium	0.0505	mg/L	0.010	99	70	130	5.1	20	
Sample ID: B04110005-001AMS	Sample Matrix Spike								11/06/04 03:22
Chromium	0.0557	mg/L	0.010	111	70	130			
Sample ID: B04110005-001AMSD	Sample Matrix Spike Duplicate								11/06/04 03:29
Chromium	0.0500	mg/L	0.010	99.2	70	130	11	20	
Sample ID: B04110016-003BMS	Sample Matrix Spike								11/06/04 07:16
Chromium	0.0475	mg/L	0.010	95	70	130			
Sample ID: B04110016-003BMSD	Sample Matrix Spike Duplicate								11/06/04 07:23
Chromium	0.0485	mg/L	0.010	97	70	130	2.1	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Project: Sanitation Inc, Landfill

Report Date: 11/08/04

Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: R50388
Sample ID: B04110016-013BMS	Sample Matrix Spike								11/06/04 09:25
Chromium	0.0486	mg/L	0.010	97.2	70	130			
Sample ID: B04110016-013BMSD	Sample Matrix Spike Duplicate								11/06/04 09:32
Chromium	0.0484	mg/L	0.010	96.8	70	130	0.3	20	
Method: E300.0									Batch: R50040
Sample ID: B04101489-009A MS	Sample Matrix Spike								11/01/04 20:53
Chloride	15.0	mg/L	1.0	96.2	80	120			
Sulfate	358	mg/L	1.0	96.4	80	120			A
Sample ID: B04101489-009A MSD	Sample Matrix Spike Duplicate								11/01/04 21:05
Chloride	15.0	mg/L	1.0	96.6	80	120	0.2	20	
Sulfate	360	mg/L	1.0	101	80	120	0.5	20	A
Sample ID: B04101604-002A MS	Sample Matrix Spike								11/01/04 23:59
Chloride	39.4	mg/L	1.0	91.8	80	120			
Sulfate	188	mg/L	1.0	96.8	80	120			A
Sample ID: B04101604-002A MSD	Sample Matrix Spike Duplicate								11/02/04 00:11
Chloride	39.5	mg/L	1.0	93	80	120	0.3	20	
Sulfate	188	mg/L	1.0	97.1	80	120	0	20	A
Sample ID: B04101607-003A MS	Sample Matrix Spike								11/02/04 02:42
Chloride	72.4	mg/L	1.0	96.8	80	120			
Sulfate	3050	mg/L	1.4	152	80	120			SA
Sample ID: B04101607-003A MSD	Sample Matrix Spike Duplicate								11/02/04 02:53
Chloride	71.6	mg/L	1.0	95.1	80	120	1.2	20	
Sulfate	3040	mg/L	1.4	147	80	120	0.4	20	SA
Sample ID: B04101746-003A MS	Sample Matrix Spike								11/02/04 05:24
Chloride	108	mg/L	1.0	100	80	120			
Sulfate	1020	mg/L	2.7	104	80	120			
Sample ID: B04101746-003A MSD	Sample Matrix Spike Duplicate								11/02/04 05:36
Chloride	108	mg/L	1.0	99.4	80	120	0.7	20	
Sulfate	1040	mg/L	2.7	109	80	120	2.0	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

A - The analyte level was greater than four times the spike level.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Client: Sanitation Inc.

Project: Sanitation Inc, Landfill

Report Date: 11/08/04

Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E335.4		Batch: A2004-10-29_4_CN_01							
Sample ID: B04101602-003DMS	Sample Matrix Spike								10/29/04 11:05
Cyanide, Total Manual Distillation	0.107	mg/L	0.0050	107	90	110			
Sample ID: B04101602-003DMSD	Sample Matrix Spike Duplicate								10/29/04 11:06
Cyanide, Total Manual Distillation	0.109	mg/L	0.0050	109	90	110	2.0	10	
Sample ID: B04101607-002DMS	Sample Matrix Spike								10/29/04 11:36
Cyanide, Total Manual Distillation	0.108	mg/L	0.0050	108	90	110			
Sample ID: B04101607-002DMSD	Sample Matrix Spike Duplicate								10/29/04 11:38
Cyanide, Total Manual Distillation	0.108	mg/L	0.0050	108	90	110	0.8	10	
Sample ID: B04101611-006DMS	Sample Matrix Spike								10/29/04 12:05
Cyanide, Total Manual Distillation	0.107	mg/L	0.0050	107	90	110			
Sample ID: B04101611-006DMSD	Sample Matrix Spike Duplicate								10/29/04 12:07
Cyanide, Total Manual Distillation	0.102	mg/L	0.0050	102	90	110	4.5	10	
Sample ID: MBLK	Method Blank								10/29/04 10:54
Cyanide, Total Manual Distillation	ND	mg/L	0.003						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc, Landfill

Report Date: 11/08/04
Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2							Batch: 04110103-NN2		
Sample ID: B04101643-001A MS	Sample Matrix Spike								11/01/04 14:23
Nitrogen, Nitrate+Nitrite as N	1.11	mg/L	0.050	102	90	110			
Sample ID: B04101643-001A MSD	Sample Matrix Spike Duplicate								11/01/04 14:23
Nitrogen, Nitrate+Nitrite as N	1.10	mg/L	0.050	102	90	110	0.6		10
Sample ID: B04101603-009D MS	Sample Matrix Spike								11/01/04 14:32
Nitrogen, Nitrate+Nitrite as N	1.39	mg/L	0.050	102	90	110			
Sample ID: B04101603-009D MSD	Sample Matrix Spike Duplicate								11/01/04 14:33
Nitrogen, Nitrate+Nitrite as N	1.39	mg/L	0.050	102	90	110	0.1		10
Sample ID: B04101718-001A MS	Sample Matrix Spike								11/01/04 14:42
Nitrogen, Nitrate+Nitrite as N	1.01	mg/L	0.050	103	90	110			
Sample ID: B04101718-001A MSD	Sample Matrix Spike Duplicate								11/01/04 14:43
Nitrogen, Nitrate+Nitrite as N	1.00	mg/L	0.050	102	90	110	0.5		10
Sample ID: B04101605-009C MS	Sample Matrix Spike								11/01/04 14:52
Nitrogen, Nitrate+Nitrite as N	2.07	mg/L	0.050	98.4	90	110			
Sample ID: B04101605-009C MSD	Sample Matrix Spike Duplicate								11/01/04 14:53
Nitrogen, Nitrate+Nitrite as N	2.06	mg/L	0.050	97.3	90	110	0.5		10
Sample ID: B04101611-005C MS	Sample Matrix Spike								11/01/04 15:02
Nitrogen, Nitrate+Nitrite as N	1.89	mg/L	0.050	95.8	90	110			
Sample ID: B04101611-005C MSD	Sample Matrix Spike Duplicate								11/01/04 15:03
Nitrogen, Nitrate+Nitrite as N	1.89	mg/L	0.050	95.8	90	110	0		10

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Project: Sanitation Inc, Landfill

Report Date: 11/08/04

Work Order: B04101604

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4									Batch: R50043
Sample ID: MB-R50043	Method Blank								11/01/04 08:45
Oxygen Demand, Chemical (COD)	ND	mg/L	0.5						
Sample ID: LCS-R50043	Laboratory Control Spike								11/01/04 08:45
Oxygen Demand, Chemical (COD)	50.2	mg/L	1.0	103	90	110			
Sample ID: B04101604-002CMS	Sample Matrix Spike								11/01/04 08:45
Oxygen Demand, Chemical (COD)	28.6	mg/L	1.0	105	90	110			
Sample ID: B04101604-002CMSD	Sample Matrix Spike Duplicate								11/01/04 08:45
Oxygen Demand, Chemical (COD)	28.3	mg/L	1.0	104	90	110	1.1	10	
Sample ID: B04101608-001BMS	Sample Matrix Spike								11/01/04 08:45
Oxygen Demand, Chemical (COD)	31.4	mg/L	1.0	100	90	110			
Sample ID: B04101608-001BMSD	Sample Matrix Spike Duplicate								11/01/04 08:45
Oxygen Demand, Chemical (COD)	32.1	mg/L	1.0	103	90	110	2.2	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

GALE SUMMER REVENUE

Reporting Period:
First Quarter 2018

GALE SUMMER REVENUE
Reporting Period: 2018

Category	Revenue	Profit	Net Profit	Net Profit %	Net Profit / Revenue
Books	100	20	20	20%	0.20
Magazines	100	10	10	10%	0.10
Subscriptions	100	10	10	10%	0.10
Merchandise	100	10	10	10%	0.10
Events	100	10	10	10%	0.10
Other	100	10	10	10%	0.10
Total	500	100	100	20%	0.20

Energy Laboratories Inc

Sample Receipt Checklist

Client Name Sanitation Inc.

Work Order Number B04101604

Checklist completed by: Kristel M. Snel
Signature

Date and Time Received: 10/28/2004

Received by klm

Reviewed by _____
Initials

_____ Date

Carrier name UPS ARS Ground

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	4 °C On Ice
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	Not Applicable ☐

Adjusted? _____ Checked by KL

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments:

Corrective Action _____

BARRY DAMSCHEN CONSULTING, LLC
Helena, Montana

Ground-Water Monitoring Field Report

Project: SAN INC. Landfill Well: Simw-1

Personnel: Barry Damschen

Date: 10-23-04 Time: 1230

Conditions: Sunny - 40's

Static Water Level: 46.26 Total Depth Purged: _____

Purge Method: _____ Volume Purged: _____

	Volume	Temperature	Conductivity	pH
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

Not sufficient water to draw a sample

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

h1 _____ h2 _____ time _____ depth: _____

Comments:

SIP-2 - 52.41

BARRY DAMSCHEN CONSULTING, LLC.
Helena, Montana

Ground-Water Monitoring Field Report

Project: SANITATION INC. Landfill Well: SMW-2

Personnel: Barry Damschen

Date: 10-25-04 Time: 1330

Conditions: Sunny - breezy 40's

Static Water Level: 36.35 Total Depth Purged: 40+

Purge Method: hand bail Volume Purged: 1 gal

	Volume	Temperature	Conductivity	pH
1.	<u>3/4 gal</u>	<u>49.4</u>	<u>1310</u>	<u>7.13</u>
2.	<u>1 gal dry</u>	<u>46.1</u>	<u>1210</u>	<u>7.20</u>
3.				
4.				
5.				

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

h1 0 h2 0.05 time 14 sec depth: 39.9

Comments:

BARRY DAMSCHEN CONSULTING, LLC.
Helena, Montana

Ground-Water Monitoring Field Report

Project: SAN. Inc. Landfill Well: Simu-3

Personnel: Barry Damschen

Date: 10-25-04 Time: 1430

Conditions: sunny - breezy - 48°

Static Water Level: 33.33 Total Depth Purged: 5

Purge Method: had bail Volume Purged: 1 1/4 day

	Volume	Temperature	Conductivity	pH
1.	<u>1 1/4 day</u>	<u>49.6</u>	<u>950</u>	<u>7.25</u>
2.				
3.				
4.				
5.				

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

h1 0

h2 0.05

time 1250

depth: 36

Comments:

SIP-1 = 37.06

BARRY DAMSCHEN CONSULTING, LLC
Helena, Montana

Ground-Water Monitoring Field Report

Project: SAV. Inc. Landfill Well: SIMW-4,4D

Personnel: Barry Damschen

Date: 10-25-04

Time: 1530

Conditions: Sunny 50°

Static Water Level: 41.12

Total Depth Purged: 46

Purge Method: hand bailer

Volume Purged: 79L

	Volume	Temperature	Conductivity	pH
1.	<u>51/2</u>	<u>49.1</u>	<u>1540</u>	<u>5.84</u>
2.	<u>6901</u>	<u>46.9</u>	<u>1570</u>	<u>5.97</u>
3.	<u>61290</u>	<u>46.1</u>	<u>1460</u>	<u>6.03</u>
4.	<u>79L</u>	<u>46.0</u>	<u>1470</u>	<u>6.06</u>
5.				

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

h1 0

h2 0.10

* time 6sec

depth: 453

Comments:



HYDROMETRICS, INC. MONTANA OFFICES

HELENA (Corporate)
3020 Bozeman Avenue
Helena, MT 59601
Phone: (406) 443-4150
FAX: (406) 443-4155

BILLINGS
5602 Hesper Road
Billings, MT 59106
Phone: (406) 656-1172
FAX: (406) 656-8912

MISSOULA
667 East Beckwith
Missoula, MT 59801
Phone: (406) 721-8243
FAX: (406) 542-2619

COLSTRIP
Phone: (406) 656-8305
Fax: (406) 656-8912